CITY OF GREEN COVE SPRINGS CITY COUNCIL REGULAR SESSION

321 WALNUT STREET, GREEN COVE SPRINGS, FLORIDA TUESDAY, JANUARY 21, 2025 – 6:00 PM



The city council prohibits the use of cell phones and other electronic devices which emit an audible sound during all meetings with the exception of law enforcement, fire and rescue or health care providers on call. Persons in violation may be requested to leave the meeting.

Anyone wishing to address the City Council is requested to complete a card at the City Clerk's desk. Speakers are respectfully requested to abide by the following procedures:

*Limit your comments to three (3) minutes *Speak directly to the Mayor not staff or the audience *No raising your hand and speaking from the audience *No debating and rebuttals *Time cannot be allocated to others *Only speak one (1) time per agenda item

AGENDA

Invocation & Pledge of Allegiance to the Flag - Chaplain MacClellan, GCSPD

Roll Call

Mayor to call on members of the audience wishing to address the Council on matters not on the Agenda.

AWARDS & RECOGNITION

- 1. Proclamation Black History Month
- 2. Proclamation Carolyn Edwards, Executive Director of Clay County Habitat for Humanity
- 3. Police Department Life-Saving Awards *Interim Chief Hines* Ofc Michael Babcock Dispatcher Tracy Bishop Daniel Haggerty Ofc Sean Hickman Det Cora Milliken Sgt Brett Morando Ofc Neal Newton Det Doug Patterson Dispatcher Carri Rulon Sgt Erin Vineyard

PUBLIC HEARINGS

4. Second and final reading of Ordinance No. O-01-2025, which addresses items abandoned on City property. *L.J. Arnold, III*

CONSENT AGENDA

All matters under the consent agenda are considered to be routine by the city council and will be enacted by one motion in the form listed below. There will be no separate discussion on these items. If discussion is desired, that item will be removed from the consent agenda and will be considered separately. Backup documentation and staff recommendations have been previously submitted to the city council on these items.

- 5. City Council approval of the School Crossing Guard Appreciation Day Proclamation. Erin West
- <u>6.</u> City Council approval of the School Resource Officer Appreciation Day Proclamation. *Erin West*
- 7. City Council approval of Minutes. *Erin West* Regular Session: 10/1/2024 and 10/15/2024
- 8. City Council approval of the Honoring or Memorialization of City Streets and Public Facilities Policy. *Erin West, Kimberly Thomas*
- 9. Inform City Council of the installation of a volleyball system at the Thomas Hogan Gym in the amount of \$20,049.00. The agenda item is for informational purposes and to maintain full transparency. *Greg Bauer*
- 10. City Council approval of task order to JonesEdmunds in the not-to-exceed amount of \$54,560.00 to perform construction engineering and inspection (CEI) services for the Bayard St Stormwater Improvements project. *Mike Null*
- 11. City Council approval of Mittauer Invoice # 25011 in the amount of \$200,000.00, and authorization for the mayor to execute Disbursement Request #4 (to follow) for permitting and design services for the Magnolia Point Reclaimed Water System & Potable Water System Improvements. *Scott Schultz*
- <u>12.</u> City Council approval of a Site Development Plan for a parking lot for Springs Academy, located at 1106 N Orange Ave *Michael Daniels*

COUNCIL BUSINESS

- 13. First reading of Ordinance No. O-02-2025, Provide for reduced building permit fees for private building provider services. *John Cioffi*
- 14. Discussion and approval of agreement with Clay EDC for space at City Hall. Steve Kennedy
- 15. City Manager & City Attorney Reports / Correspondence
- 16. City Council Reports / Correspondence

Adjournment

The City Council meets the first and third Tuesday of each month beginning at 7:00 p.m., unless otherwise scheduled. Meetings are held in City Hall at 321 Walnut Street. Video and audio recordings of the meetings are available in the City Clerk's Office upon request.

City may take action on any matter during this meeting, including items that are not set forth within this agenda.

Minutes of the City Council meetings can be obtained from the City Clerk's office. The Meetings are usually recorded, but are not transcribed verbatim for the minutes. Persons requiring a verbatim transcript may make arrangements with the City Clerk to duplicate the recordings, if available, or arrange to have a court reporter present at the meeting. The cost of duplication and/or court reporter will be at the expense of the requesting party.

Persons who wish to appeal any decision made by the City Council with respect to any matter considered at this meeting will need a record of the proceedings, and for such purpose may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is based. The City is not responsible if the in-house recording is incomplete for any reason.

ADA NOTICE

In accordance with Section 286.26, Florida Statutes, persons with disabilities needing special accommodations to participate in this meeting should contact the City Clerk's office no later than 5:00 p.m. on the day prior to the meeting.

PUBLIC PARTICIPATION:

Pursuant to Section 286.0114, Florida Statutes, effective October 1, 2013, the public is invited to speak on any "proposition" before a board, commission, council, or appointed committee takes official action regardless of whether the issue is on the Agenda. Certain exemptions for emergencies, ministerial acts, etc. apply. This public participation does not affect the right of a person to be heard as otherwise provided by law.

EXPARTE COMMUNICATIONS

Oral or written exchanges (sometimes referred to as lobbying or information gathering) between a Council Member and others, including staff, where there is a substantive discussion regarding a quasi-judicial decision by the City Council. The exchanges must be disclosed by the City Council so the public may respond to such exchanges before a vote is taken.



- WHEREAS, Dr. Carter G. Woodson, founder of the Association for the Study of Negro Life and History, initiated Negro History (ASNLH) week in 1926, which grew into Black History Month during the 1970s; and
- WHEREAS, The ASNLH was renamed in later years to The Association for the Study of African American Life and History (ASALH). The Association for the Study of African American Life and History organization announces the 2025 Black History Theme, "African Americans and Labor"; and
- WHEREAS, Black History Month is so designated to recognize, honor and record the historical contributions and achievements made by African Americans in the Armed Forces, Architecture, Arts, Business, Civil Rights, Economics, Education, Entertainment, Exploration, History, Law, Literature, Medicine, Music, Politics, Science and Sports; and
- WHEREAS, February is nationally designated as Black History Month, and is annually set aside for all Americans to focus on the significant role African Americans have played in our Country's history and in the shaping of our nation and culture; and
- WHEREAS, the Green Cove Springs City Council wishes to maintain and promote harmonious inter-cultural relations and highlight the rich ethnic and cultural diversity throughout the City of Green Cove Springs and Clay County.

NOW, THEREFORE, BE IT PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AS FOLLOWS:

- Section 1. The City Council hereby proclaims the month of February 2025 as "Black History Month" in the City of Green Cove Springs and urges all citizens to join the Green Cove Springs City Council in celebrating February as Black History Month each year, and to share in the spirit of the Month and take part in related activities that reflect the goals of Black History Month.
- **Section 2.** A true copy of this Proclamation shall be spread upon the Official Minutes of the City Council of the City of Green Cove Springs.

DONE AND PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, IN REGULAR SESSION THIS 21ST DAY OF JANUARY 2025.



CITY OF GREEN COVE SPRINGS, FLORIDA

Steven R. Kelley, Mayo

ATTEST: est, City

WHEREAS, over the past 17 years, Carolyn Edwards has demonstrated unwavering dedication to the mission of Clay County Habitat for Humanity, Inc., serving with distinction as Family Services Coordinator for 5 years and as Executive Director for the past 12 years; and

WHEREAS, Carolyn has been a champion for affordable housing, advocating tirelessly for marginalized families in our community and beyond, and actively working to address housing challenges at the local and state levels; and

WHEREAS, she served as a State of Florida Certified Mediator for the Northeast Florida District, utilizing her skills to build bridges and foster understanding; and

WHEREAS, she represented our community with honor as the District 2 Representative for the Florida Affiliate State Office (ASO) of Habitat for Humanity Board of Directors, ensuring our region's voice was heard; and

WHEREAS, she contributed meaningfully as a member of the Clay County Affordable Housing Advisory Committee (AHAC) with the Board of County Commissioners; and

WHEREAS, through her leadership, Carolyn facilitated the construction of more than 60 homes for marginalized families in Clay County, transforming lives and fostering stability for generations; and

WHEREAS, she collaborated with local city and state governments, non-profits, and community organizations to drive affordable housing initiatives, strengthening partnerships and amplifying the impact of these efforts; and

WHEREAS, she engaged directly with legislators at the local, state, and federal levels, including in Tallahassee and Washington, D.C., advocating for policies and resources to expand housing opportunities; and

WHEREAS, after an illustrious career marked by compassion, service, and an unwavering commitment to the community, Carolyn retired from Clay County Habitat for Humanity on December 31, 2024.

NOW, THEREFORE, BE IT PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AS FOLLOWS:

- **Section 1.** The City of Green Cove Springs hereby recognizes and celebrates Carolyn Edwards for her exemplary service, leadership, and advocacy, which have left a permanent mark on our community and set a standard of excellence for all to follow.
- **Section 2.** A true copy of this Proclamation shall be spread upon the Official Minutes of the City Council of the City of Green Cove Springs.

DONE AND PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, IN REGULAR SESSION THIS 21ST DAY OF JANUARY 2025.



CITY OF GREEN COVE SPRINGS, FLORIDA

Steven R. Kellev

FST West, City Clerk



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: Regular Session

MEETING DATE: January 21, 2025

FROM: L.J. Arnold, III, City Attorney

SUBJECT: Second and final reading of Ordinance No. O-01-2025, which addresses items abandoned on City property. *L.J. Arnold, III*

BACKGROUND

Interim Police Chief Shaun Hines requested my office update Section 62-147, Rubbish, of the City Code to add additional clarification to how the City treats abandoned personal items left on City property.

FISCAL IMPACT

None of any significance

RECOMMENDATION

Approve Ordinance No. O-01-2025 on second and final reading.

ORDINANCE NO. 0-01-2025

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AMENDING CITY CODE SECTION 62-147 ENTITLED RUBBISH TO ADD ADDITIONAL PROHIBITED ITEMS FROM BEING LEFT OR ABANDONED IN CITY PARKS AND OTHER AREAS; PROVIDING FOR ENFORCEMENT; AND PROVIDING FOR REPEALER, SEVERABILITY AND SETTING AN EFFECTIVE DATE.

WHEREAS, Spring Park and other City owned areas are being used for placing rubbish and other materials and items causing the areas to be cluttered and unsightly, which causes the City to spend extra time in cleaning up such City property.

NOW, THEREFORE, BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA AS FOLLOWS:

SECTION 1. Recitals. The above recitals are true and correct and incorporated herein by reference.

SECTION 2. City Code Section 62-147 entitled "Rubbish" is hereby amended as follows:

Sec. 62-147 Rubbish

No person in any park or recreational facility shall throw, place, cast, deposit, dump or cause to be thrown any ashes, refuse, offal, vegetation, garbage, dross, cinders, shells, straws, shavings, paper, scraps, dirt or like matter, filth or rubbish of any kind in any park, square, avenue, grounds, or recreational area, except to place such matter in cans or receptacles provided for such matter. <u>Furthermore, no person shall</u> <u>leave unattended in City parks or other City owned property except in marked</u> <u>docking or parking areas for such items, the following: bikes, scooters, kayaks,</u> <u>paddle boards, canoes, dinghies, milk crates, bulk trash or large personal items or</u> <u>any like kind of personal property. Any such items left unattended may be removed</u> by the City at the owner's expense and shall be deemed to be abandoned.

SECTION 3. Repealer. Any Ordinances or parts thereof in conflict with the provisions of this Ordinance are hereby repealed to the extent of such conflict.

SECTION 4. Severability. The various parts, sections and clauses of this Ordinance are hereby declared severable. If any part, sentence, paragraph, section or clause is adjudged unconstitutional or invalid by a court of competent jurisdiction, the remainder of the Ordinance shall not be affected thereby.

SECTION 5. Effective Date. This Ordinance shall become effective upon passage.

INTRODUCED AND APPROVED AS TO FORM ONLY ON THE FIRST

READING BY THE CITY COUNCIL OF GREEN COVE SPRINGS, FLORIDA, THIS 7TH DAY OF JANUARY, 2025.

CITY OF GREEN COVE SPRINGS, FLORIDA

Steven R. Kelley, Mayor

ATTEST:

Erin West, City Clerk

PASSED ON SECOND AND FINAL READING BY THE CITY COUNCIL OF GREEN COVE SPRINGS, FLORIDA, THIS 21ST DAY OF JANUARY, 2025.

CITY OF GREEN COVE SPRINGS, FLORIDA

Steven R. Kelley, Mayor

ATTEST:

Erin West, City Clerk

APPROVED AS TO FORM:

L. J. Arnold, III, City Attorney



WHEREAS, School Crossing Guards play a vital role in ensuring the safety and well-being of our children as they travel to and from school each day; and

WHEREAS, these dedicated individuals serve as the first line of defense in protecting students from traffic-related dangers, fostering a safe and secure environment for pedestrians near our schools; and

WHEREAS, School Crossing Guards not only safeguard students but also serve as positive role models by demonstrating the importance of traffic awareness, responsibility, and community care; and

WHEREAS, the unwavering commitment of School Crossing Guards deserves recognition and gratitude for their daily contributions to the safety and education of our children; and

WHEREAS, their work often goes beyond the call of duty, with many School Crossing Guards braving harsh weather conditions and navigating challenging traffic scenarios to ensure that children and families can cross streets safely.

NOW, THEREFORE, BE IT PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AS FOLLOWS:

- **Section 1.** February 7, 2025, is proclaimed as **"School Crossing Guard Appreciation Day"**. and encourages all members of the community to join in expressing their heartfelt appreciation for the dedication, professionalism, and care provided by our School Crossing Guards. Let us honor these everyday heroes who play an essential role in the safety of our children and the well-being of our communities.
- **Section 2.** A true copy of this Proclamation shall be spread upon the Official Minutes of the City Council of the City of Green Cove Springs.

DONE AND PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, IN REGULAR SESSION THIS 4TH DAY OF FEBRUARY 2025.



CITY OF GREEN COVE SPRINGS, FLORIDA

Steven R. Kelley, Mayor

ATTEST:

Erin West, City Clerk



WHEREAS, The National Association of School Resource Officers (NASRO) is dedicated to making schools and children safer by providing the highest-quality training to school-based law enforcement officers; and

WHEREAS, school resource officers (SROs) bridge gaps between youth and law enforcement and embrace a triad concept of school policing, serving in informal counseling, education, and law enforcement roles to support students and communities they serve; and

WHEREAS, by training law enforcement officers to counsel, educate, and protect school communities, the men and women of NASRO continuously lead by example and promote a positive image of law enforcement to school children and school communities; and

WHEREAS, SRO programs across the globe are founded as collaborative efforts by police agencies, law enforcement officers, educators, students, parents, and communities to create safe learning environments, provide valuable resources to school staff members, foster positive relationships with students and develop strategies to resolve problems that affect youth with the goal of protecting all children, so they can reach their fullest potential; and

WHEREAS, school resource officers are valuable and essential members of the education community and deserve unwavering respect and support from the public in the pursuit of keeping schools and students safe.

NOW, THEREFORE, BE IT PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AS FOLLOWS:

- Section 1. February 15, 2025, is proclaimed as "School Resource Officer Appreciation Day." A special day to show appreciation for school-based law enforcement officers and encourage all citizens to show their gratitude with displays of support and personal messages.
- **Section 2.** A true copy of this Proclamation shall be spread upon the Official Minutes of the City Council of the City of Green Cove Springs.

DONE AND PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, IN REGULAR SESSION THIS 18TH DAY OF FEBRUARY 2025.



CITY OF GREEN COVE SPRINGS, FLORIDA

Steven R. Kelley, Mayor

ATTEST:

Erin West, City Clerk

CITY OF GREEN COVE SPRINGS CITY COUNCIL REGULAR SESSION

321 WALNUT STREET, GREEN COVE SPRINGS, FLORIDA TUESDAY, OCTOBER 01, 2024 – 6:00 PM



MINUTES

Invocation & Pledge of Allegiance to the Flag - Youth Pastor Travis Ivey, Hickory Grove Baptist Church

Roll Call

COUNCIL MEMBERS PRESENT: Mayor Steven Kelley, Vice Mayor Thomas Smith, Council Member Connie Butler (arrived at 6:13), Council Member Ed Gaw, Council Member Matt Johnson

STAFF MEMBERS PRESENT: L.J. Arnold, III, City Attorney, Steve Kennedy, City Manager, Mike Null, Assistant City Manager, Erin West, City Clerk

Mayor to call on members of the audience wishing to address the Council on matters not on the Agenda.

- 1. Felicia Hampshire 508 Franklin St. GCS updates the Council on the Soul Food Festival that is taking place on October 5th.
- 2. Mike Kelter recognizes Bob Page for being elected for his second term on the FMPA Board of Directors.

AWARDS & RECOGNITION

- 1. Proclamation: Lineman Appreciation Day Mayor Kelley reads the proclamation and presents to Electric Director Andy Yeager.
- 2. Proclamation: Soul Food Festival Mayor Kelley reads the proclamation and presents to Felicia Hampshire.

PRESENTATIONS

3. FMPA - October 2024 *Bob Page* Mr. Page presents the October report.

PUBLIC HEARINGS

4. Second and final reading of Ordinance O-17-2024 requesting a modification to the Rookery Planned Unit Development (PUD) regarding the percentages, types and design criteria of proposed housing units *Michael Daniels* City Attorney Arnold reads Ordinance No. O-17-2024 by title. Development Services Director Mike Daniels presents on the ordinance. Mayor Kelley opens the public hearing. Ellen Avery-Smith with Rogers Towers P.A. presents on the Rookery. Greg Will GCS expresses concern on the impact to Green Cove utilities capacities and questions the building of a CCUA plant.

Mike Kelter 630 Mrytle Ave. GCS expresses concerns with the roadways and plant capacities. Assistant City Manager Mike Null addresses the concerns of the plant capacities and fire flow. Mr. Daniels advises the Fire Marshal reviews all of the subdivision plans. They have to have fire flow before they can go vertical.

Ms. Ellen reminds the Council that the concerns being addressed are great concerns to have but have no relation to the modifications specifically to add the duplex type of unit up to a maximum of ten percent of the units in the project with the development standards.

Following no further comments, Mayor Kelley closes the public hearing.

Council discussion followed concerning parking and the addition of duplexes to go along with the town homes and single-family homes.

Motion to approve Second and final reading of Ordinance O-17-2024 requesting a modification to the Rookery Planned Unit Development (PUD) regarding the percentages, types and design criteria of proposed housing units.

Motion made by Council Member Butler, Seconded by Council Member Johnson. Voting Yea: Mayor Kelley, Council Member Butler, Council Member Johnson Voting Nay: Council Member Gaw

5. Second and final reading of Ordinance O-16-2024 regarding a request for rezoning of 24.22 acres of property located in the 4000 block of South US 17: From: MUH, Mixed Use Highway To: C-2, General Commercial *Michael Daniels* City Attorney Arnold reads Ordinance No. O-16-2024 by title. Development Services Director Mike Daniels presents on the ordinance. Mayor Kelley opens the public hearing. Ellen Avery-Smith with Rogers Towers P.A. presents on the Rookery. Following no further comments, Mayor Kelley closes the public hearing.

Motion to recommend approval of the second and final reading of Ordinance O-16-2024 to amend the Zoning of Parcel ID 016579-000-00 from MUH, Mixed Use Highway to C-2, General Commercial.

Motion made by Council Member Johnson, Seconded by Council Member Butler. Voting Yea: Mayor Kelley, Council Member Butler, Council Member Gaw, Council Member Johnson

6. Second and final Reading of Ordinance O-19-2024, requesting for closure of transportation connection between Grove Street and St Johns Avenue *Michael Daniels*City Attorney Arnold reads Ordinance No. O-19-2024 by title.
Development Services Director Mike Daniels presents on the ordinance.
Mayor Kelley opens the public hearing.
James Whitehouse speaks on behalf of the applicant concerning the closure of Grove Street and St. Johns Avenue.
Mr. Daniels advises a new site development plan has been submitted. Staff will review the plan that will also be sent to the neighbors in that area.
Joe Sobotta 212 North St. GCS questions the need for a wall.
Mayor Kelley advises it is a masonry wall and that was requested from the community along

with the P&Z Board, who also made other requirements. Mr. Daniels advises the wall would cut down on the noise from the church and school. Following no further comments, Mayor Kelley closes the public hearing.

Council Member Butler questions once the wall is completed if the church will meet all the requirements.

Mr. Daniels advises that all requirements will be met.

Council Member Gaw praises the workers who are out in the elements organizing the flow or traffic and keeping the children safe.

Motion to approve the withdrawal/denial of Ordinance O-19-2024 to close and discontinue access between Grove Street and St Johns Avenue.

Motion made by Council Member Johnson, Seconded by Council Member Butler. Voting Yea: Mayor Kelley, Council Member Butler, Council Member Gaw, Council Member Johnson

CONSENT AGENDA

All matters under the consent agenda are considered to be routine by the city council and will be enacted by one motion in the form listed below. There will be no separate discussion on these items. If discussion is desired, that item will be removed from the consent agenda and will be considered separately. Backup documentation and staff recommendations have been previously submitted to the city council on these items.

Motion to approve Consent Agenda items 7 through 13.

Motion made by Council Member Butler, Seconded by Council Member Johnson. Voting Yea: Mayor Kelley, Council Member Butler, Council Member Gaw, Council Member Johnson

- 7. City Council Approval to purchase a 2025 Ford F 150 work truck from the Sourcewell Contract #2025 091521-NAF & 032824-NAF in the total amount of \$53,165.00 from Alan Jay Fleet Sales and to be able to surplus truck #403, a 2009 Ford F 150 which has far out lived its useful life. *Andy Yeager*
- 8. City Council authorization to purchase an Altec AT41M Bucket Truck from Global Rental Company in the amount of \$185,319.00 under Sourcewell Contract # 040924-ALT and surplus truck #405, an older bucket truck that has outlived its useful life. *Andy Yeager*
- 9. City Council approval of Invoice No. 417330 in the amount of \$35,451.61 for the renewal of Central Square OneSolution for the Green Cove Spring Police Department. *Angel Alicea*
- 10. City Council approval of Minutes. *Erin West* Special Session: 8/8/2024
- City Council approval of pay application #2 to Kirby Development, Inc. in the amount of \$95,314.00, for the Julia Street Stormwater Improvement Project. *Greg Bauer*
- 12. City Council approval of the updated Social Media Policy. Heather Fincher

 City Council approval of Pay Application #6 for the West Street CDBG Stormwater Improvements and Highland Sidewalk Improvements to Besch and Smith in the amount of \$493,493.89. *Greg Bauer*

COUNCIL BUSINESS

14. City Council discussion and direction regarding recycling services within the City Limits. *Mike Null*

Assistant City Manager Mike Null speaks and updates the Council on the recycling services. Council Member Butler questions the participation in the recycling.

Mr. Null advises there has been a drop over the last several months.

Council Member Gaw asks about submitting survey and getting input from the citizens on a recycling program.

Mike Kelter 630 Myrtle Ave. GCS questions the additional cost for recycling.

Joe Sobotta 212 North St. GCS speaks about recycling and what is really happening with it. Susan Pritchard 218 N. Magnolia St. GCS speaks about recycling and asks what the big companies are doing with their recycling.

Mayor Kelley speaks about recycling and getting public input.

Mr. Null asks PIO Heather Fincher how difficult it would be to get a survey to the citizens. PIO Heather Fincher advises there are around 13,000 subscribers on Facebook and there is no way to tell who is a resident and who is not a resident without looking at each person. Discussion followed concerning adding information to utility bills and possibly creating a QR code.

15. City Manager & City Attorney Reports / Correspondence

The City Manager and City Attorney made comments regarding various city activities, events, operations, and projects.

City Attorney Arnold speaks about the CRC work and advises there a few amendments being requested for the charter and a request to add a preamble.

City Manager Steve Kennedy speaks about Amazing Grace Farms who created their corn maze for the 150th Anniversary of Green Cove Springs.

Mr. Kennedy advises the Clay County EDC is looking to use some of the City Hall second floor space so he will be sending out some information looking for feedback.

16. City Council Reports / Correspondence

The City Council made comments regarding various city activities, events, operations, and projects.

Adjournment

There being no further business to come before the City Council, the meeting was adjourned at 8:54 p.m.

CITY OF GREEN COVE SPRINGS, FLORIDA

Steven R. Kelley, Mayor

Attest:

Erin West, City Clerk

CITY OF GREEN COVE SPRINGS CITY COUNCIL REGULAR SESSION

321 WALNUT STREET, GREEN COVE SPRINGS, FLORIDA TUESDAY, OCTOBER 15, 2024 – 6:00 PM



MINUTES

Invocation & Pledge of Allegiance to the Flag - Youth Pastor Travis Ivey, Hickory Grove Baptist Church

Roll Call

COUNCIL MEMBERS PRESENT: Mayor Steven Kelley, Vice Mayor Thomas Smith (arrived at 6:15), Council Member Connie Butler, Council Member Ed Gaw (via Teams), Council Member Matt Johnson

STAFF MEMBERS PRESENT: L.J. Arnold, III, City Attorney, Steve Kennedy, City Manager, Mike Null, Assistant City Manager, Erin West, City Clerk

Mayor to call on members of the audience wishing to address the Council on matters not on the Agenda.

1. Mike Kelter 630 Myrtle Ave. GCS advises he sent an email on September 29 requesting some information. He knows everyone has been busy with the storm but he was just reminding them. He speaks about the school board not paying the stormwater fee to the City.

AWARDS & RECOGNITION

1. Proclamation - Florida City Government Week Mayor Kelley reads the proclamation and presents to city staff.

PRESENTATIONS

 Charter Review Committee Report. *Bob Page* CRC Chairman Bob Page presents the committee report and advises there are 6 amendments. City Attorney Arnold speaks to the Council about the proposed amendments and reads the proposed preamble.

Mr. Arnold advises if the Council chooses to put the amendments as a referendum, he will prepare an ordinance in the required format for their approval.

Motion to approve the Charter Review Committee Report and direct to come back with the referendum.

Motion made by Vice Mayor Smith, Seconded by Council Member Butler. Voting Yea: Mayor Kelley, Vice Mayor Smith, Council Member Butler, Council Member Gaw, Council Member Johnson

PUBLIC HEARINGS

 Second and final reading of Ordinance O-27-2024 for the Voluntary Annexation of 3 acres of property located on CR 209 S (parcel #016513-015-00) City Attorney Arnold reads Ordinance No. O-27-2024 by title. Development Services Director Mike Daniels presents on the Ordinance numbers O-27-2024, O-28-2024, and O-29-2024.

Mayor Kelley opens the public hearing.

Following no comments, Mayor Kelley closes the public hearing.

Council Member Butler asks the applicant if there was a specific for voluntarily annexing into the city.

Tim Owls 1327 Riviera Drive GCS advises his experience with the apartments in the city has been pleasant and it just seemed like a no-brainer to annex in.

Motion to approve first reading of Ordinance O-27-2024 for the voluntary annexation of the Wolfe Brothers property consisting of 3 acres located in the 4600 block of CR 209 S (parcel #016513-015- 00) for form and legality only.

Motion made by Vice Mayor Smith, Seconded by Council Member Butler. Voting Yea: Mayor Kelley, Vice Mayor Smith, Council Member Butler, Council Member Gaw, Council Member Johnson

4. Second and Final Reading of Ordinance O-28-2024 regarding the Future Land Use Amendment of the Wolfe Bros Property (Parcel #: 016513-015-00): From: Industrial (County) To: Industrial City Attorney Arnold reads Ordinance No. O-28-2024 by title. Mayor Kelley opens the public hearing. Following no comments, Mayor Kelley closes the public hearing.

Motion to approve first reading of ordinance O-28-2024 to amend the Future Land Use of Parcel ID 016513-015-00 from Industrial (County) to Industrial for form and legality only. Motion made by Council Member Butler, Seconded by Council Member Johnson. Voting Yea: Mayor Kelley, Vice Mayor Smith, Council Member Butler, Council Member Gaw, Council Member Johnson

 Second and Final Reading of Ordinance O-29-2024 regarding the Rezoning of the Wolfe Bros Property (Parcel #: 016513-015-00): From: Heavy Industrial (County) To: M-2 Industrial Park City Attorney Arnold reads Ordinance No. O-29-2024 by title. Mayor Kelley opens the public hearing. Following no comments, Mayor Kelley closes the public hearing.

Motion to approve first reading of ordinance O-29-2024 to amend the Zoning of Parcel ID 016513-015-00 from Heavy Industrial (County) to M-2, Industrial Park for form and legality only.

Motion made by Vice Mayor Smith, Seconded by Council Member Butler. Voting Yea: Mayor Kelley, Vice Mayor Smith, Council Member Butler, Council Member Gaw, Council Member Johnson

 Second and Final Reading of Ordinance O-30-2024 for the voluntary annexation of approximately 1.79 acres located at 4604 CR 209 S (parcel #016513-001-00), Miller Environmental Holdings, LLC

City Attorney Arnold reads Ordinance No. O-30-2024 by title.

Development Services Director Mike Daniels presents on the Ordinance numbers O-30-2024, O-31-2024, and O-32-2024. Mayor Kelley opens the public hearing. Following no comments, Mayor Kelley closes the public hearing.

Council discussion

Motion to approve first reading of Ordinance O-30-2024 for the voluntary annexation of 1.79 acres located on CR 209 S (parcel #: 016513-001-00) for form and legality only. Motion made by Council Member Johnson, Seconded by Council Member Butler. Voting Yea: Mayor Kelley, Vice Mayor Smith, Council Member Butler, Council Member Gaw, Council Member Johnson

7. Second and Final Reading of Ordinance O-31-2024 Future Land Use Amendment of approximately 1.79 acres of property located at 4604 CR 209S (Parcel 016513-001#-00): From: Industrial (County) To: Industrial City Attorney Arnold reads Ordinance No. O-31-2024 by title. Mayor Kelley opens the public hearing. Following no comments, Mayor Kelley closes the public hearing.

Motion to approve first reading of ordinance O-31-2024, to amend the Future Land Use of Parcel ID 016513-001-00 from Industrial (County) to Industrial for form and legality only. Motion made by Vice Mayor Smith, Seconded by Council Member Butler. Voting Yea: Mayor Kelley, Vice Mayor Smith, Council Member Butler, Council Member Gaw, Council Member Johnson

 Second and Final Reading of Ordinance O-32-2024 Rezoning of approximately 1.79 acres of property located at 4604 CR 209S (Parcel 016513-001#-00): From: Heavy Industrial (County) To: M-2, Industrial Park City Attorney Arnold reads Ordinance No. O-32-2024 by title. Mayor Kelley opens the public hearing. Following no comments, Mayor Kelley closes the public hearing.

Motion to approve first reading of ordinance O-32-2024, to amend the Zoning of Parcel ID 016513- 001-00 from Heavy Industrial (County) to M-2, Industrial Park for form and legality only.

Motion made by Council Member Johnson, Seconded by Council Member Butler. Voting Yea: Mayor Kelley, Vice Mayor Smith, Council Member Butler, Council Member Gaw, Council Member Johnson

CONSENT AGENDA

All matters under the consent agenda are considered to be routine by the city council and will be enacted by one motion in the form listed below. There will be no separate discussion on these items. If discussion is desired, that item will be removed from the consent agenda and will be considered separately. Backup documentation and staff recommendations have been previously submitted to the city council on these items. Council Member Butler pulled item 13.

Motion to approve Consent Agenda items 9 through 22 minus 13. Motion made by Vice Mayor Smith, Seconded by Council Member Johnson. Voting Yea: Mayor Kelley, Vice Mayor Smith, Council Member Butler, Council Member Gaw, Council Member Johnson

- 9. City Council approval of the Sawcross (Tender Contractor) Pay Request #5 in the amount of \$406,600.00, approval of and authorization for the mayor to execute, FDEP Disbursement Request # 21 in the amount of \$390,311.19 for construction of the Harbor Road Advanced Wastewater Treatment Facility (HRAWWTF), as part of the Florida Department of Environmental Protection (FDEP), State Revolving Fund (SRF), Harbor Road Water Reclamation Facility (WRF) Expansion, Phase 2, SRF Agreement No. WW1000420. Scott Schultz
- 10. City Council approval of the annual renewal with eScribe for the Livestreaming and Closed Captioning software. *Erin West*
- 11. City Council approval of attached Engagement of Nabors, Giblin & Nickerson, P. A. ("NG&N") to assist in possible collection and/or resolution of dispute with the Clay County School Board ("CCSB") over their non-payment of stormwater usage fees exceeding \$200,000.00. L.J. Arnold III
- 12. City Council approval of the Gateway Corridor and Central Business District Matching Grant Application for Façade Improvements for the Shining Life Laser and Wellness Facility located at 407 Walnut Street. *Michael Daniels*
- 13. City Council approval of Minutes. *Erin West* Regular Session: 8/6/2024

Special Session: 8/13/2024, 9/25/2024, 10/8/2024

Council Member Butler advises City Clerk Erin West that the time of her departure from the Special Session on 8/13/2024 was incorrect.

Ms. West advises she would get the time corrected.

Motion to approve Consent Agenda item 13 with the corrected time.

Motion made by Council Member Butler, Seconded by Council Member Johnson. Voting Yea: Mayor Kelley, Vice Mayor Smith, Council Member Butler, Council Member Gaw, Council Member Johnson

- 14. City Council approval to utilize Heather Encinosa of Nabors, Giblin & Nickerson, in the amount of \$15,000.00, for legal assistance in updating Water, Wastewater and Reclaimed Water Impact Fees. Scott Schultz
- 15. City Council approval of the annual renewal with CivicPlus for the City Code online hosting and supplementation subscription. *Erin West*
- 16. City Council approval of the annual renewal with CivicPlus for Municode Meetings. Erin West

- 17. City Council approval of the annual renewal with BIS Digital for the sound system, recording software, and microphones. *Erin West*
- 18. City Council approval to serve alcohol during the 150th Anniversary Event, as it is a City event in collaboration with Food Truck Friday, and extend the time period of serving alcohol from 4 hours to 5 hours for this event only, per Ordinance No. O-08-2019. *Kimberly Thomas*
- 19. City Council approval of purchase of a RAVO street sweeper from Smith Equipment with a five (5) year lease from Lease 2 in the amount of \$295,992.00 piggybacking on Sourcewell bid # 093021-FAY. *Greg Bauer*
- 20. City Council approval of the Lifeline Landing Final Plat for the development of 6 single-family lots on parcel #: 018373-001-00 at the NE corner of Kirk and Harring Street. *Michael Daniels*
- 21. City Council approval of three new Police Vehicles and to surplus three vehicles that have outlived their useful life. *Chief Guzman*
- 22. City Council approval of the Veterans Day Proclamation. Erin West

COUNCIL BUSINESS

23. City Manager & City Attorney Reports / Correspondence The City Manager and City Attorney made comments regarding various city activities, events, operations, and projects.

City Attorney Arnold updates the Council on the stormwater with the School Board. Mr. Arnold advises their attorney is going to set a potential meeting with him.

Assistant City Manager Mike Null advises there is a sewer line that needs replaced and asks Scott Schultz to update the Council.

Assistant Water Utilities Director Scott Shultz advises the Council that due to the sewer line break there are two homes that now don't have a pipe for sewage to flow through. It's a 11 feet deep and we don't have equipment that can work that deep. So, we have a quote from Jax Utilities Management that come in and do that work, and we're basing it on a City of Jacksonville bid that we have piggybacked on before.

Mr. Null advises the cost of the fix will be \$42,600.

Emergency Motion to approve funding for the wastewater needs.

Motion made by Vice Mayor Smith, Seconded by Council Member Butler. Voting Yea: Mayor Kelley, Vice Mayor Smith, Council Member Butler, Council Member Gaw, Council Member Johnson

City Manager Steve Kennedy updates the Council on Hurricane Milton.

PIO Heather Fincher advises the city was approached by the National Association of Counties to light the building green. It's in partnership with the county as well as across the country. There's going to be a lot of buildings that are going to be lit green from November 4th through the 11th including City Hall and the Police Department.

24. City Council Reports / Correspondence

The City Council made comments regarding various city activities, events, operations, and projects.

Adjournment

There being no further business to come before the City Council, the meeting was adjourned at 7:26 p.m.

CITY OF GREEN COVE SPRINGS, FLORIDA

Steven R. Kelley, Mayor

Attest:

Erin West, City Clerk



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: Regular Session

MEETING DATE: January 21, 2025

FROM: Erin West, City Clerk

SUBJECT: City Council approval of the Honoring or Memorialization of City Streets and Public Facilities Policy. *Erin West, Kimberly Thomas*

BACKGROUND

Due to the increase in requests, staff created a Honoring or Memorialization of City Streets and Public Facilities Policy.

FISCAL IMPACT

RECOMMENDATION

Approve the Honoring or Memorialization of City Streets and Public Facilities Policy.



CITY OF GREEN COVE SPRINGS

POLICY FOR THE HONORING OR MEMORIALIZING OF CITY STREETS AND PUBLIC FACILITIES

PURPOSE:

The purpose of this policy is to establish a consistent method for the official honoring / memorializing of City streets and public facilities in the interest of the health, safety, and welfare of all City residents.

At no time will petitions to rename City streets or parks be considered. However, consideration of petitions for the honoring or memorialization of City streets and public facilities may be given.

OBJECTIVE:

- 1. Ensure that City street and public facilities are easily identified and located.
- 2. Ensure that the honor or memorialization of City streets and public facilities is consistent with the values and character of the City or neighborhood served.
- 3. Encourage public participation in the honoring or memorializing ceremony of City streets and public facilities.
- 4. Encourage the dedication of lands, facilities, or donations by individuals and/or groups.

DEFINITIONS:

City "streets" and "public facilities" shall include all property assets under the City of Green Cove Springs ownership and control, including buildings, structures, open spaces, public parks, natural areas, wetlands, environmental habitat and land.

"Unique contributions" shall mean outstanding, invaluable civic service; actively involved in community groups, clubs or boards; letters received from clubs or organizations as to contributions; received public recognition; or raised public awareness of issues that directly affect and support the quality of life in Green Cove Springs.

CRITERIA:

The following criteria shall be used, as applicable in each given situation, in determining the appropriateness of the honoring or memorialization of a City Street or public facility:

- 1. Neighborhood or geographical identification; or
- 2. Natural or geological features; or
- 3. A place of historical, cultural, or regional significance.

Public facilities may be named after a deceased person provided that he/she made a unique contribution to public service and the community at large, and that he/she resided in the corporate limits of Green Cove Springs for a minimum of ten (10) years, however if in the judgement of the Mayor and Council the impact he/she made was of such significant positive impact that it be considered on a case-by-case basis in lieu of the required residential requirement of a minimum of ten (10) years.

The process to honor or memorialize City streets and public facilities should begin no less than three (3) months prior to a planned dedication ceremony.

Names that are similar to existing public facilities should not be considered in order to minimize confusion.

Any resident of the City may submit a suggested name to be honored or memorialized on a City street or public facility, to the City Manager's office for research and ultimate consideration by the City Council.

PROCEDURES: HONORING OR MEMORIALIZING CITY STREETS AND PUBLIC FACILITIES

- 1. The nominator shall complete in its entirety the *Honoring or Memorializing of City Streets and Public Facilities* application form.
- 2. The Application and Description form shall be submitted to the City Manager's Office no less than three (3) months prior to the scheduling of any dedication ceremonies.
- 3. The Application to honor or memorialize a City street or public facility shall indicate how the proposed request is consistent with the criteria listed in these Guidelines.
 - (a) When suggesting the name of a deceased person for the City street or public facility, the nominator should describe the unique contributions to the City made by the nominee.
 - (b) Written documentation of approval of the nominee's next of kin will be required prior to City Council action.
 - (c) The City Manager's Office will conduct any applicable research regarding the nominee and schedule consideration of the nomination before the City Council.
- 4. Once proper research and information verification of the nominee is completed, the City Manager's Office shall notify the nominator of the approval to move forward in the process or denial of the request.
- 5. If approved, the nominator shall be responsible for the cost of the signs, i.e., "In Honor Of" or "In Memory Of". The cost shall be the exact cost to the City of Green Cove Springs for producing the signs and the labor for the City staff to install them. All charges are due and payable in advance. The City Manager's Office will provide a cost estimate after review of the application.



CITY OF GREEN COVE SPRINGS

APPLICATION FOR THE HONORING OR MEMORIALIZING OF CITY STREETS AND PUBLIC FACILITIES

Return all completed application(s) to the City Manager's Office City of Green Cove Springs, 321 Walnut Street, Green Cove Springs, FL 32043

Applicant Name:	
Mailing Address:	
Phone Number:	
E-mail Address:	

Please provide the following information:

- a. Location of the requested "In Honor Of" or "In Memory Of" sign (Attach a property appraiser parcel map which shows the entire length of the street):
- b. Name of the Subdivision/Development where the street is located; if applicable:
- c. Name of the person to be Honored or Memorialzed:

Signature:_____

Printed Name:_____

Date of Application:_____

Please attach the form describing in detail the unique contributions to the City made by the nominee.



Honoring or Memorializing of City Streets and Public Facilities

Describe the unique contributions to the City made by the nominee: (Print or type)



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Session

MEETING DATE: January 21^{st,} 2025

- **FROM:** Greg Bauer, Assistant Public Works Director
- **SUBJECT:** Inform City Council of the installation of a volleyball system at the Thomas Hogan Gym in the amount of \$20,049.00. The agenda item is for informational purposes and to maintain full transparency.

BACKGROUND

During budget sessions for fiscal year 2025, City staff advised City Council of the need to replace the floor at the Thomas Hogan Gym. The gym floor is "raising" up in several locations. Upon investigation, the sub-flooring has retained moisture causing the floor to become compromised. Staff requested funding to repair the flooring in fiscal year 2025. City Council approved \$250,000 in the budget for fiscal year 2025 with funds in place to repair the gym flooring. The flooring will be taken down to the original base, releveled and new flooring installed. Impact Sport Surfaces provides a 25-year warranty on their products. The City will utilize the Sourcewell contract # 031022 which directly pertains to athletic surfaces with installation, and related equipment, materials, and services. Sorcewell contract #031022 expires on May 26th, 2026. Upon approval, the project is expected to take up to ten (10) weeks to complete.

At the request of the City, Impact Sports will install a volleyball system for the Thomas Hogan Gym. The installation will include floor sleeves for one tournament legal nets, two practice nets and all appurtenances. The addition of the volleyball system will enhance the activities available for the citizens of Green Cove Springs and Clay County, at the Thomas Hogan Gym. The budget for the entire project is \$250,000.00. The gym floor replacement is \$183,279.00, ceiling work was \$21,700.00, and the volley system is \$20,049.00 for a total of \$225,028.00. Leaving a surplus balance of \$24,972.00. The amount for the volleyball system falls under the purview of City Manager's approval. The purpose of this staff report is to inform Council of the addition of the volleyball system and maintain full transparency of the Thomas Hogan Gym project. No action is required currently.

FISCAL IMPACT

\$20,049.00- G/L 001-1214-5006326

RECOMMENDATION

No action required. The staff report is to inform Council of the addition of the volleyball system and maintain full transparency of the Thomas Hogan Gym project.



City of Green Cove Springs

Green Cove Springs, FL 32043

Customer:

Signature

Mr. Greg Bauer

321 Walnut Street

Date

Valid Until

90 days from above Sales Representative

Date

Darin Aarnio

January 13, 2025

daarnio@impactsurface.com

Quote/Project Description

Thomas Hogan Memorial Gym Volleyball Systems and floor inserts

gbauer@greencovesprings.com			
Description			Line Total
Scope of work:			
1.Install 6 each VB sleeves and cover plates. 3 ½ inch sleeves			
2.Supply and set-up 2 VB Systems. GARED #6000. Aluminum poles, pole pade	s, nets and antenna.		
3.Includes all labor and materials.			
4. IMPACT is not responsible for any unforeseen circumstances when installing	•	00.040.00	
sleeves. Owner to verify that the area where sleeves are installed is clear of ele	\$	20,049.00	
Option: 1 Supply & assemble 2 sets of padded judges-stands, Add: \$3.82	7.00		
		_	
Special Notes and Instructions	Subtotal	\$	20,049.00
Freight / delivery to site included			
rieght / delivery to site included			
Approximate lead time = 2 weeks			
	Total	\$	20,049.00
Notes & Clarifications: Impact to provide dumpsters for process. Required power supplie Permanent lighting and HVAC must be functional during delivery/install. All work in complian	a by Owner.		
Specifications. Additional work only to commence with the reciept of an approved Change (Order.		
Please confirm your acceptance of this quote by	v signing this document		

Thank you for your business!

Print Name

Should you have any inquiries concerning this quote, please contact Darin Aarnio: 561-721-5718

1121 S. Military Trail #318, Deerfield Beach, FL. 33442 Tel: 954-796-4567 Fax: 954-719-3784 Web: WWW.impactsurface.com



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Session

MEETING DATE: January 21, 2025

FROM: Mike Null, Asst. City Manager

SUBJECT: Approval of task order to JonesEdmunds in the not-to-exceed amount of \$54,560.00 to perform construction engineering and inspection (CEI) services for the Bayard St Stormwater Improvements project. *Mike Null*

BACKGROUND

At the January 7, 2025 City Council meeting, council awarded the Bayard St Stormwater Improvements project to DB Civil Construction. JonesEdmunds is the design engineer and engineer of record for the project. This task order will cover the cost of JonesEdmunds to provide CEI services through the construction and closeout portion of the project as outlined in the attached task order. These service include, but are not limited to, assistance with RFI questions, shop drawings, construction meetings, construction inspection and closeout of environmental permits at the end of the project. This task order will be billed hourly per the fee schedule in the attached task order as work is performed up to \$54,560.00

FISCAL IMPACT

This task order will be funded by the \$8.5Million Stormwater debt service as budgeted in the approved FY25 CIP budget.

RECOMMENDATION

Approve task order to JonesEdmunds in the not-to-exceed amount of \$54,560.00 to perform construction engineering and inspection (CEI) services for the Bayard St Stormwater Improvements project.

SCOPE OF SERVICES

JonesEdmunds

The City of Green Cove Springs Storm Sewer Replacement Project Engineering Services During Construction

INTRODUCTION

The design and permitting of the City of Green Cove Springs Storm Sewer Replacement Project is complete and the project is being advertised by the City to secure a Contractor to construct the new storm sewer system. The construction project includes replacing an existing 15-inch storm pipe, reported to be vitrified clay pipe, with 24-inch reinforced concrete pipe (RCP) with a new outfall. Due to the nature of the construction work, the route of the new storm sewer will be restored with new roadways, curb and drainage inlets, and sidewalk.

The existing 15-inch storm pipe is approximately 50 years old and has been damaged from root growth and joint separation. The St. Johns riverbank, where the storm pipe discharges, experienced significant erosion during Hurricane Ian. As a result, 20 to 25 feet of exposed corrugated metal pipe (CMP) hangs over the water. This project replaces the antiquated storm pipe and includes a new retaining wall and outfall to the St. Johns River.

This Scope of Services is for Jones Edmunds to perform Engineering Services During Construction including Construction Contract Administration and assisting with bi-weekly construction progress meetings.

SCOPE OF SERVICES

TASK 1 CONTRACT ADMINISTRATION

Jones Edmunds will provide Contract Administration services during construction, documenting that the construction is completed in general conformance with the Drawings, Technical Specifications, and Permit Requirements. This task includes the office support required to review the Contractor's submittals, address questions, and maintain the paperwork for the Final Completion Certificate Forms. We have also included time for project meetings, Engineer of Record site visits, and field coordination.

Construction Contract Administration services are based on an onsite construction schedule of 6 months to substantial completion and 1 additional month to final completion. Jones Edmunds will provide the following Construction Contract Administration services:

PROJECT DOCUMENTATION:

- Submittals: Jones Edmunds will receive, log, review, and issue comments on project construction submittals. Project submittals include administrative submittals (i.e., construction schedules and work plans), shop drawings and product data for the materials to be incorporated into the project, warranties, samples, and operations and maintenance manuals. Jones Edmunds estimates approximately 12 submittals for this project. This Scope of Services includes an initial review and one re-submittal review for each submittal. Submittals will be immediately returned to the Contractor if all deviations are not listed as requested on the project forms.
- Requests for Information (RFIs): Jones Edmunds will review and respond to up to 6 RFIs submitted by the Contractor. RFIs are submitted by the Contractor when questions regarding the Construction Documents arise that need clarification from the Engineer.
- Change Orders: Jones Edmunds will notify the City immediately when an issue arises that may affect the cost or time of the project and will process up to 2 minor Change Orders. Change Orders will be submitted to the City for approval before being issued to the Contractor.
- Construction Field Orders (CFOs): Jones Edmunds will prepare up to 8 CFOs. CFOs are used for minor adjustments to the Contract Documents that can be completed in the field and have no effect on the project cost or time.
- Proposed Contract Modifications (PCMs): Jones Edmunds will review up to 4 PCMs for conformance with the Contract Documents and process the PCMs as requested by the City. PCMs may be submitted by the Contractor when deviations to the Contract Drawings or Specifications occur that they believe affect the cost of the project. PCMs will be submitted to the City for approval before being issued to the Contractor.
- Notices of Non-Compliance: Jones Edmunds will assist with up to 2 Notices of Non-Compliance as coordinated with the City. Jones Edmunds will prepare, log, and issue the Notices of Non-Compliance.
- Pay Applications: Jones Edmunds will process up to 8 Pay Applications. We will
 receive the Pay Applications from the Contractor, log and review them with the City's
 Resident Observer (RO) and make payment recommendations to the City.

MEETINGS AND SITE VISITS:

Jones Edmunds will conduct one pre-construction conference at a location selected by the City. At the pre-construction conference, the fully executed Contract Documents will be distributed and the Notice to Proceed date will be agreed upon by all stakeholders on the project. City representatives, regulatory agencies, and the Contractor will be invited to the preconstruction conference.

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- Jones Edmunds will hold up to 6 progress meetings during the project. The progress meetings will be scheduled monthly for the six-month construction schedule. The progress meetings are to review the construction progress up to that point, review the monthly pay applications, and discuss any issues that have occurred on the project. The meeting agenda and minutes will be prepared by Jones Edmunds.
- Jones Edmunds will attend up to 6 online, Teams, coordination meetings with the City and the Contractor. The coordination meetings will be held once a month between the monthly onsite progress meetings.

TASK 2 CONTRACT CLOSEOUT

Contract Closeout services include substantial and final completion walkdowns, punch list preparation, and final certification of construction completion.

- Substantial Completion Walkdown: Jones Edmunds will conduct one Substantial Completion Walkdown with the Contractor and City. The walkdown will be performed by project team members such as the Project Manager, the Engineer of Record, and the Contract Administrator to observe that the storm sewer system is installed in general conformance with the Contract Documents. We will prepare a Punch List of items to complete during the Substantial Completion walkdown.
- Final Completion Walkdown: Jones Edmunds will conduct one Final Completion Walkdown to verify that all items on the Substantial Completion Punch List have been completed. The Final Completion Walkdown will be performed by project team members such as the Project Manager, the Engineer of Record, or the Contract Administrator accompanied by the City. This will be to observe that all Punch List items are complete, and that the Contractor has completed demobilization.
- Record Drawings: Jones Edmunds will review the Contractor's CADD-based as-built drawings. After the as-built drawings are completed by the Contractor, we will incorporate them into Record Drawings and provide the City with electronic copies (pdf format and original file format) of the Record Drawings. The final CADD as-built drawings will also be provided to the City.
- Jones Edmunds will prepare the permit certifications notifying the regulatory agencies of construction completion and placing the system in operation. The project has two required permit certifications: Army Corp of Engineers (ACOE) permit and Environmental Resource Permit (ERP) through the St. Johns River Water Management District (WMD).

SCHEDULE

Jones Edmunds will complete this Scope of Services in accordance with the Contractor's scheduled times included in the Construction Contract. The time frames included in the Construction Contract are 6 months to Substantial Completion with an additional 1 month to final completion.

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COMPENSATION

The compensation for Professional Services described in this Scope of Services will be on a Time and Materials basis for \$54,560.00. The Fee Schedule in Exhibit A includes the level of effort and the corresponding estimated costs for this authorization.

PROPOSAL CLARIFICATIONS

The following proposal clarifications govern this Scope of Services. Excluded items may be provided by Jones Edmunds as an Additional Service upon written agreement.

- 1. Total construction duration from Notice to Proceed to Substantial Completion is 6months 7-months to final completion. If the construction period is extended additional fees may be required.
- 2. Daily Construction Resident Observation will be conducted by the City with daily progress logs with photos completed and submitted to Jones Edmunds for review of construction progress.
- 3. Installed quantities included on the pay applications will be verified and approved by the City's Construction Resident Observer who is onsite daily logging the installed materials before Jones Edmunds will certify the pay application as Engineer of Record.
- 4. As-built survey preparation (including topographic surveying of as-built site conditions) is excluded from this Scope of Services and is required to be performed by the Contractor under the Construction Contract.
- 5. Obtaining any County/City building permits will be handled by the Contractor using signed-and-sealed drawings provided by Jones Edmunds.
- 6. The quantities, labor hours, and reimbursable expenses listed in this scope of work and fee schedule are intended as documentation and justification for the total cost of the project. Deviations or changes in the quantities, labor hours, and reimbursable expenses within a task is not justification for nonpayment provided the total project fee has not been exceeded.

Green Cove Springs Storm Sewer Replacement ESDC

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ltem #10.

Exhibit A

Fee Schedule

Project Name: Storm Sewer Replacement Engineering Services During Construction

JonesEdmunds

Client: City of Green Cove Springs Opportunity Number: 95884-208-24

Project Number:

	Project Fee Estimate				Staffing Plan						
			Sr. Project	Sr.	Construction	Engineer	Construction				
			Manager	Engineer	Administrator	Intern	Proj. Coord.				
					Billing Rate						
		Green Cove Springs 2024-2025 Rates	\$265.00	\$265.00	\$160.00	\$145.00	\$115.00				
										Expenses: Misc.	
									Direct Labor Effort	Costs, Raw	
Task No.	Task Description				Hours			Labor Hours	(Rates)	(ODC's)	Total Fee
2	Construction Contract Administration										
	Submittal Review (12)				24	24	24	72.00	\$10,080.00		\$10,080.00
	RFI's (6)		2	4	12		6	24.00	\$4,200.00		\$4,200.00
	Change Orders (2)		2		4		2	8.00	\$1,400.00		\$1,400.00
	CFO's (8)			4	8		8	20.00	\$3,260.00		\$3,260.00
	PCM's (4)			4	8		4	16.00	\$2,800.00		\$2,800.00
	Notices of Non-Compliance (2)		2	2	4		2	10.00	\$1,930.00		\$1,930.00
	Construction onsite Meetings (6 monthly + 1 Precon)				70		16	86.00	\$13,040.00	\$1,250.00	\$14,290.00
	Online Coordination Meetings (6 meetings)				12			12.00	\$1,920.00	\$0.00	\$1,920.00
	Pay Applications (8)				16		8	24.00	\$3,480.00		\$3,480.00
2	Project Closeout									Task Total	\$43,360.00
	Substantial Completion Site Review (1)			8	8		2	18.00	\$3,630.00		\$3,630.00
	Final Completion Site Review (1)				8		2	10.00	\$1,510.00		\$1,510.00
	Record Drawings		2	2	4	8		16.00	\$2,860.00	\$220.00	\$3,080.00
	Permit Certifications		2	4		8	2	16.00	\$2,980.00		\$2,980.00
										Task Total	\$11,200.00
		Total - Construction Phase Services	10	28	178	40	76	332.00	\$53,090.00	\$1,470.00	\$54,560.00



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Session

MEETING DATE: January 21, 2025

FROM: Scott Schultz, Asst. Water Utilities Director

SUBJECT: City Council approval of Mittauer Invoice # 25011 in the amount of \$200,000.00, and authorization for the mayor to execute Disbursement Request #4 (to follow) for permitting and design services for the Magnolia Point Reclaimed Water System & Potable Water System Improvements. *Scott Schultz*

BACKGROUND

On February 21, 2023, Council approved for staff to submit a Request for Inclusion (RFI) to the FDEP Drinking Water State Revolving Fund for design services for the Magnolia Point Reclaimed Water Improvements. This project is in preparation for compliance with the Surface Water Discharge Elimination Act (Senate Bill 64). On June 6, 2023, Council approved adding the design of the Reynolds Water System Improvements to the RFI.

On August 9, 2023, the FDEP-SRF Program approved DW10044 in the amount of \$2,171,400.

On May 7, 2024, Council approved a Consulting Engineers Services Agreement (CESA) with Mittauer & Associates in the amount of \$2,171,400.00 for permitting and design services for the Magnolia Point Reclaimed Water System.

During the duration of the project the city will submit disbursement requests to FDEP. FDEP will return the funds to the city. Upon completion and closure of the project the full amount becomes a loan payable bi-annually for 20 years.

FISCAL IMPACT

\$200,000.00 from the Water Capital Improvement Program Budget

RECOMMENDATION

Approve Mittauer Invoice # 25011 in the amount of \$200,000.00, and authorization for the mayor to execute Disbursement Request #4
MITTAUER & ASSOCIATES, INC. 580 Wells Rd Orange Park, FL 32073 +19042780030



Invoice 25011

BILL TO City of Green Cove Springs 321 Walnut Street Green Cove Springs, FL 32043	DATE 01/01/2025	PLEASE PAY \$200,000.00	DUE DATE 01/21/2025
M&A PROJECT NO.			

8905-61-1

AMOUNT

SRF MAGNOLIA POINT RECLAIMED WATER SYSTEM & POTABLE WATER SYSTEM IMPROVEMENTS PURCHASE ORDER NO. 2725909 SRF AGREEMENT NO. DW100440 CITY OF GREEN COVE SPRINGS, FLORIDA

Engineering services concerning the SRF Magnolia Point Reclaimed Water System & Potable Water System Improvements project rendered during the period ending December 31, 2024, including:

Magnolia Point Reclaimed Water Extensions

o Topographic and boundary surveying activities.

o Completion of Subsurface Utility Engineering activities which are currently limited to Quality

Level B

designation activities.

o Progress toward 30% Drawings.

Harbor Road Water Treatment Plant Improvements o Progress toward 60% Drawings.

Reynolds Water Treatment Plant Improvements o Progress toward 60% Drawings.

LUMP SUM CONTRACT AMOUNT: \$2,171,400.00 Item A. FDEP SRF Administration Assistance & Meetings, \$19,500 Item B. Specialized Field Studies (Topographic Surveying, Boundary Surveying, Subsurface Utility Engineering, Geotechnical Work), \$650,000 Item C. Engineering Design, \$1,471,900 Item D. Permitting Services, \$30,000

AMOUNT PREVIOUSLY INVOICED: \$216,500.00

Amount Earned This Period

Thank you for your business.

200,000.00

TOTAL DUE

\$200,000.00



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council

MEETING DATE: January 21, 2025

FROM: Michael Daniels, AICP, Development Services

SUBJECT: Site Development Plan for a parking lot for Springs Academy, located at 1106 N Orange Ave *Michael Daniels*

PROPERTY DESCRIPTION

APPLICANT: Dr. Christian Pope, Springs Chapel OWNER: Springs Chapel Corp. Corp

PROPERTY LOCATION: 1106 N Orange Avenue

PARCEL NUMBER: 017553-000-00

FILE NUMBER: SPL 24-008

CURRENT ZONING: Gateway Corridor Commercial, Gateway Corridor Residential, Low Density Residential R-1

FUTURE LAND USE DESIGNATION: Mixed-Use / Neighborhood

SURROUNDING LAND USE

- NORTH: FLU: Neighborhood Z: GCC / R-1 Use: Commercial / Residential
- EAST: FLU: Neighborhood Z: R-1 Use: Residential (Single Family)

Z: GCC Use: Vacant

SOUTH: FLU: MU

WEST: FLU: MU / Public Z: GCC / Institutional Use: Food / Vacant Non-Residential

BACKGROUND

The applicant is requesting approval of a site development plan modification for the Springs Chapel Church and Springs Academy school which would expand the parking area on the south side of the property. The property is 2.8 acres and is located at the northeast corner of Orange Avenue and Grove Street and is bounded by St Johns Avenue to the east. The existing church and school are approximately 22,000 square feet.

In June 2024, a modification to the existing Special Exception to allow a church and school on residentially zoned property was approved by the Planning and Zoning Commission with the following conditions:

- Define the maximum number of students to no more than 156 students.
- Addition of or modification to any existing structure/facility on the site as of the approval of this modification, will require a modification to the Special Exception.
- Provide parking calculations along with site plans.
- Provide a tree survey showing the location of existing trees, comply with the tree preservation requirements set forth in Sec. 113-274~279.
- Secure permits from FDOT for state road access/driveway.
- Ingress and egress are prohibited on St. Johns Avenue. Provide a gate on the St. Johns Avenue driveway, to be closed during school hours.
- A 6' high wall and trees (1 per 25 feet) to be provided along St. Johns Avenue as part of the required landscape buffer per Sec. 113-243.
- Gate at access to St. Johns Avenue must be closed and secured during drop-off hours, school hours and pick-up hours.
- Provide vehicle stacking to scale, each vehicle should be 10' in width and 20' in length. A minimum of 200' of stacking shall be provided.
- Block Grove Street at St Johns Avenue with a permanent barrier. Grove Street must be closed prior to the start of the school year, which is August 13, 2024, subject to City Council approval.
- Provide a temporary stacking plan for school drop off and pickup with no access from St. Johns Avenue.
- Special Exception shall be limited to Springs Chapel Corp. Any change in ownership shall require modification to the Special Exception.
- Upon approval, failure to comply will result in pulling of the current and past Special Exceptions.

The timeframe for submittals is as follows:

- 1. Secure a Site Development Plan approval subject to the special exception requirements within 120 days; and
- 2. Completion of construction of the improvements set forth in the approved Site Development Plan and conditions within the Special Exception within 6 months subsequent to Site Plan approval; and
- 3. Not meeting these timeframes shall be considered a violation of the approved Special Exception and shall be grounds for the special exception to be returned to the Planning and Zoning Commission for revocation of the Special Exception; and
- 4. Any other violations of the Special Exception and Site Development Plan shall follow the Code Enforcement procedure set forth in Chapter 22 of the Green Cove Springs City Code.

DEVELOPMENT DESCRIPTION

The applicant has submitted a site development plan for additional parking onsite. The existing building consists of 18,731 square feet. The existing parking on the northern side of the site has 40 spaces and they are proposing to add an additional 63 parking spaces.

PARKING, LOADING, & STACKING

The plan shows 116 onsite parking spaces, including 5 handicapped spaces.

DRAINAGE RETENTION

A single underground stormwater storage tank is shown to be buried underneath the parking lot. The site will be graded to direct stormwater to the stormwater tank. The stormwater plan still has outstanding comments from the City's consulting engineer. No development can occur until all of the outstanding comments are addressed. They will also be required to get approval from the St Johns Water Management District and FDOT.

TRAFFIC AND ACCESS

The plan shows two vehicular access points on Grove Street and one right out access point on Orange Avenue. A driveway permit shall be secured by FDOT for any driveway modifications on Orange Avenue. A gate shall be installed at the St Johns Avenue driveway access. No access can be provided during school hours and is only to be used for church uses on the hours specified on sheet 7 pursuant to the requirements of the special exception and as specified on Sheet 7. The additional 56 students that are proposed for the school shall generate approximately 139 additional daily trips and 45 am peak hour trips. The applicant will be required to pay a transportation mobility fee pursuant to the mobility fee schedule at time when additional students are enrolled.

LANDSCAPE PLAN

A landscape plan and tree preservation has been provided detailing the trees to be removed, trees to be planted, and other landscaping features located on the premises. The plans show shade trees planted along N Orange Ave and St. Johns Ave for the length of the proposed parking lot. Shade trees are to be planted along the entire length of St. Johns Ave. Several large shade trees exist along St. Johns Ave north of the parking lot. Shade tolerant trees will need to be planted within gaps of the existing trees in order to meet landscaping requirements, Sec. 113-244. In addition, there will be a 6' concrete/masonry wall constructed adjacent to St Johns Avenue.

STAFF RECOMMENDATION

Staff recommends approval of the Site Plan subject to staff comments being addressed in the deficiency report.

RECOMMENDED MOTION:

Motion to recommend approval of the Site Development Plan for the Springs Academy located at 1106 Orange Avenue, subject to staff comments being addressed in the deficiency report.



APPLICATION DEFICIENCY NOTICE

DATE: January 16, 2025

APPLICATION REFERENCE: TOCOI ENGINEERING, LLC, SPL-24-008 - 1106 ORANGE Ave

Dear Applicant:

We have received the materials submitted in response to the Application Deficiency Notice previously provided to you. Upon review of the re-submitted items, staff has identified items that need to be corrected. Attached to this notice is a list of comments in response to the re-submitted items.

Each of the items on the attached list require responses and revised materials be created and resubmitted before any further action can be taken on this permit. A hold is placed on this application and the time it takes you to respond to this list of items is excluded in calculating permit processing timeframes. Once corrected and/or new materials are submitted, your permit processing timeframe will begin again.

A complete response to each of the items on the attached list is required to be submitted **at the same time.** As applicable, a complete response is required to include:

- 1. A written document addressing all of your responses (one paper copy).
- 2. New and/or updated technical reports (one paper copy).
- 3. New and/or corrected plans. Please note that revisions to previously submitted plans are required to be identified by clouding, must be noted in a revision list on the plan sheet(s), and are required to be incorporated into a full set of revised plans (one paper copy).
- 4. A transmittal that itemizes everything being resubmitted (one paper copy).
- 5. A copy of the entire resubmittal must be provided electronically (either on a thumb drive or uploaded via the permit portal).

Your response must be received by our Department within 180 days of the date noted on this letter to avoid this application being withdrawn from consideration. Withdrawn application must be resubmitted as new applications requiring repayment of all applicable fees and processing requirements.

Thank you for your anticipated cooperation in submitting the items requested by staff. We look forward to working with you as this application continues to be processed.

APPLICATION DEFICIENCY NOTICE #3

DATE: January 16, 2025

APPLICATION REFERENCE: TOCOI ENGINEERING, LLC, SPL-24-008

CONSULTANT COMMENTS - contact Nicola Cowap, PE (Nicola.Cowap@nv5.com)

CHW Second Review Comments 12/09/2024 (from 11/14/2024 plans):

<u>PLANS</u>

1. Comment cleared.

2. Comment cleared.

3. Part of the 90 parking adjacent to North Orange Ave appears to be draining directly to the ROW without treatment (the grade goes from 17.60 to 17.50 to 17.39). Please revise.

Second Review: Please provide additional offsite grading information to ensure the site can tie down to existing and is not discharging offsite or receiving offsite discharge.

4. Comment cleared.

5. Second Review: Please provide grading information on the proposed sidewalk to confirm if it is ADA compliant.

6. Second Review: Please provide stop bars, stop signs, and crosswalks at the driveway entrances. Please note the crosswalks will need to be ADA compliant.

7. Second Review: Please provide detectable warning strips and, as necessary, curb ramps at the driveway entrances.

8. Second Review: Please provide an accessible route from the ROWs into the site.

9. Second Review: Please provide further spot grades on the ADA parking, curb ramp to the building, and what appears to be the internal accessible path in order for ADA compliance to be determined.

10. Second Review: Please review the proposed driveway slopes and revise as necessary, as they appear to be above the FDOT recommended maximum of 10%.

11. Second Review: Please review and revise the structure table on sheet 8B. A lot of the

information appears to be missing or inaccurate.

CALCULATIONS

1. Please provide supporting calculations curve number calculations, pond volume calculations, time of concentration calculations, etc.

Second Review: Please revise stage/storage calculations per ADS storage. Based on past experience, the provided stage/storage information is not consistent with ADS systems.

2. Please provide supporting geotechnical information from a certified geotechnical report for the vertical and horizontal conductivities.

3. Please provide a recovery analysis for the proposed ponds.

4. Please provide a pre-post peak discharge evaluation.

5. Comment cleared.

6. Please note that outfall is proposed to an FDOT system and an FDOT drainage permit may be required.

Response not required.

7. Second Review: Please provide storm pipe routing calculations.

8. Second Review: Please provide a stormwater report with basin maps, time of concentration calculations, etc., and a narrative.

9. Second Review: Please provide supporting documentation for the time/stage information for the outfall.

APPLICATION DEFICIENCY NOTICE #3

DATE: January 16, 2025

APPLICATION REFERENCE: TOCOI ENGINEERING, LLC, SPL-24-008

PLANNING DIVISION COMMENTS - contact Gabriel Barro (gbarro@greencovesprings.com)

- 1. Preserve trees along St. Johns Ave. 14-19 and 21-31
- 2. New tree plantings along St. Johns Ave. shall be shade tolerant ornamental trees a minimum if 6'-8' in height at time of planting
- 3. The new masonry fence needs to be shown (and constructed) on the applicant's property and not on City ROW.

SPRINGS ACADEMY PARKING LOT FOR SPRINGS CHAPEL CORPORATION 1106 NORTH ORANGE AVENUE, GREEN COVE SPRINGS, FL 32043 **CLAY COUNTY** PROJECT OWNER AND CONSULTANTS OWNER: Springs Chapel Corporation Dr. Christian Pope 1106 N. Orange Avenue Green Cove Springs, FL 32043 TEL: 904-531-9669 SURVEYOR: **Compass Surveying** 6250 N. Military Trail, Suite 102 West Palm Beach, FL 33407 TEL: (561) 640-4800 ENGINEER: Tocoi Engineering, LLC Charles Sohm, P.E. 714 North Orange Avenue Green Cove Springs, FL 32043 TEL: 904-215-1388 LOCATION MAP NTS TE JOB NO: 24-671 Engineering, LLC 714 NORTH ORANGE AVENUE, GREEN COVE SPRINGS, FL 32043 E.B. NUMBER: 26383 PH: 904-215-1388 "TURNING YOUR IDEAS INTO REALITY" CALL BEFORE YOU DIG www.tocoi.com 800-432-4770 PRELIMINARY PLANS

January 16, 2025

INDEX OF DRAWINGS

1	COVER SHEET
2	GENERAL NOTES
3	EXISTING GROUND
4	EXISTING DRAINAGE MAP
5	PROPOSED DRAINAGE MAP
6	DEMOLITION PLAN
6A	TEMPORARY STACKING PLAN
7	GEOMETRY PLAN
7A	STACKING PLAN
8A	GRADING PLAN
8B	DRAINAGE PLAN
9A-J	DRAINAGE DETAILS
10	EROSION CONTROL DETAILS
11	UTILITY PLAN
12	UTILITY DETAILS
13	SIGNAGE & PAVEMENT MARKING PLAN
14	FIRE SUPPRESSION PLAN
14A	PHOTOMETRIC PLAN
15	MISCELLANEOUS DETAILS
16	SWPPP CONTRACTOR REQUIREMENTS
17	SWPPP CONTRACTOR CERTIFICATION
LA1	TREE REMOVAL & PROTECTION PLAN
LA2	TREE MITIGATION TABLE
LA3	LANDSCAPE PLAN
LA4	LANDSCAPE SPECIFICATIONS

CHARLES SOHM, P.E. FLA. REGISTERED ENGINEER, #79289 <u>Clay County General Notes (Commercial) – Revised 10/15/19</u>

- 1. Clay County Engineering Division requires twenty-four hours (24-hr) notice on all meetings and or testing procedures.
- 2.Construction warning signs are to be post mounted and erected before construction can commence. These and all traffic control devices shall follow the standards set forth by the Manual of Uniform Traffic Control Devices (MUTCD) and the Florida Department of Transportation Standard Specifications and Details.
- 3.All construction projects 1 acre or more in size shall be required to abide by the provisions of the National Pollutant Discharge Elimination (NPDES) permit. The owner or contractor is responsible for preparing the Stormwater Pollution Prevention Plan (SWPPP) and submitting the NPDES "Notice of Intent" (NOI) and "Notice of Termination" (NOT) to the EPA or local state agency having jurisdiction over the NPDES program. The contactor shall keep onsite copies of the SWPPP, NOI, and water management district permits.
- 4.It is the responsibility of the contractor to recognize and abide by all OSHA safety standards.
- 5.All disturbed Clay County Rights—of—Way shall be sodded to the discretion and approval of the Clay County Engineering Division.
- 6. The contractor shall verify all utility locations prior to excavation and take all measures necessary to protect utilities during construction. Should any utility line or component become damaged or require relocation the contractor shall immediately notify the responsible utility company, the engineer, and the county.

<u>CALL BEFORE YOU DIG</u> 1-800-432-4770 & 904-269-6359

- Call 800-432-4770 two full business days before digging. Call 10 days before digging when digging under water.
- Call 904-269-6359 (Clay County Signal & Maintenance Division) two full business days before digging
- Wait the required time for buried utilities to be located and marked.
- Protect the marks during your project. If marks are destroyed, call again.
- Dig safely, using extreme caution when digging within 24 inches on either side of the marks to avoid hitting the buried utility lines.
- 7.Before working in existing county rights—of—way, the contractor shall be required to obtain a right—of—way permit. The permit can be obtained at the Clay County Engineering Division, 477 Houston Street, 3rd/ Floor, Green Cove Springs, Florida.
- 8.All swale sections and ponds are to be sodded within 15 days of their final grading.
- 9. Any offsite swales or ditches impacted by the development, the contactor shall re-grade and restore, to obtain positive drainage.
- 10. A copy of the contractors' general license and the under ground utility license shall be provided at the time of the pre-construction conference.
- 11. Any applicable Saint Johns River Water Management District (SJRWMD), FDEP (Generic Permit for Stormwater Discharge from Large and Small Construction Activities, Army Corp of Engineers, and a Florida Department of Transportation (FDOT) permits shall be provided to the county by the pre-construction conference. No work shall begin without all applicable permits on file.
- 12. The contractor must obtain approval from the Saint Johns River Water Management District (SJRWMD) before the county will accept the project.
- 13. All storm pipes shall be videoed prior to a final inspection and all data shall be recorded in High quality DVD format with sound or any equipment approved by the Engineering Division (Ref. FDOT SSRBC latest edition).
- 14. There shall be a minimum five (5) days notice given for scheduling the final inspection.
- 15. At the final inspection a letter of compliance will need to be filled out and signed by the State of Florida Registered Professional Engineer of record for the project. The letter shall state that the project has been built in accordance of the approved design plans and other agency permits.
- 16. All soil and debris tracked out of the project shall be cleaned in accordance with the approved SWPPP or at the discretion of the Clay County Engineering Division.
- 17. Prior to any inspection or testing, all pipe line, structures, roadway, etc. shall be cleaned.

Erosion Control

18. Pursuant to Comprehensive Plan Policy 9:1 of the conservation element, the use of one or more erosion control measures, as requested by the Clay County Engineering Division, shall be used during construction. These will be, but not limited to, items such as temporary grass cover, sediment basins or ponds, mulching, temporary fences, diversion channels, and hay bales.

- 19. Pursuant to Comprehensive Plan Policy 9:1 of the conservation element, scheduling of construction shall be given special consideration to minimize exposure of bare soil. The contractor will formulate a construction schedule to be given to the county representative.
- 20. The governing publications for erosion control are current FDOT Roadway and Traffic Design Standards and the NPDES Stormwater and Erosion Control Manual latest edition.
- 21. The contractor shall check each day to insure that all erosion control devices are in place and working properly.
- 22. All erosion control measures shall be in compliance with the rules, regulations and standards of the Saint Johns River Water Management District, The Florida Department of Environmental Protection, and The United States Army Corp of Engineers and Clay County Regulations and Ordinances.
- 23. The contractor shall take whatever means necessary to prevent the erosion of soil and deposition of sediment on adjacent and downstream properties.
- 24. All erosion control measures shall be installed prior to commencement of construction. Sediment control consists of silt fencing, hay bales, and floating turbidity barriers per FDOT Erosion and Sediment Control Manual. Erosion control consists of seeding and mulching, sodding, wetting surfaces, placement of coarse aggregate, temporary paving.
- 25. The contactor shall respond to erosion and sediment control maintenance with 24-hours of being informed by Clay County, unless the situation requires an immediate response. The contractor will then respond immediately after notification by the county. The contactors erosion control inspector shall be a qualified stormwater management inspector by the Florida Department of Environmental Protection.
- 26. The contractor shall be required to incorporate permanent erosion control measures at the earliest practical time so as to minimize the need for temporary controls.
- 27. The erosion and sediment control measures shown on the plans are minimum requirements. The contractor shall be responsible for additional erosion control measures as determined by the county or the contractor to insure quality control.
- 28. All disturbed areas shall be grassed within 7 days of the initial disturbance. Types of grassing shall be as follows: Sodding is required for around all drainage structures, retention/detention areas, swales, ditches, and where 4:1 slopes are exceeded. Seed and mulch may be used at all other locations unless specifically called out for on these drawings. There shall be a standing row of grass at the time of final acceptance. If seed and mulch has been used and has not taken to, sod will be required for established grass.
- 29. The contractor shall inspect and report erosion and sediment control methods every week and after ½ inch of rain during construction. The contractor shall remove any sediment build up, repair or reinstall any control measures.
- 30. The county requires background testing of local waterways and additional periodic testing during construction for water quality and conformity with Clay County Standards.
- Drainage Structures & Pipe Installation
- 31. The governing publications for pipe are the current FDOT Roadway and Traffic Design Standards and the current FDOT STD. Spec. for Roadway & Bridge Const.
- 32. The governing publications for Inlets, Junction Boxes and Manholes are the current FDOT Roadway and Traffic Design Standards, Index 425.
- 33. All joints of pipe regardless of material type shall be wrapped with fabric filter cloth per Florida Department of Transportation, type D-3, A.O.S. 70-100. The fabric shall be installed in accordance with FDOT. The contractor will provide a minimum 12" overlap in the fabric.
- 34. All storm sewer pipes are to be steel reinforced concrete pipe (SRCP) unless otherwise noted on these drawings. Round concrete pipe shall comply with ASTM C76. Elliptical pipe shall comply with ASTM C507. Pipe joints and 0 ring gaskets shall comply with ASTM C443.
- 35. All storm sewer pipes shall be subjected to leakage testing and shall be videoed/ TV prior to the final inspection.
- 36. All storm sewer pipes shall be cut flush with the interior wall of any type manhole or curb and ditch bottom inlets.
- 37. If the approved design requires the inlet or storm run be surcharged, all inlets shall be inspected before being exposed to the system.
- 38. Mitered End Sections shall meet the requirements under the current FDOT Roadway and Traffic Design Standards, Index 430.
- 39. No manhole shall be placed within 2.5' of the curb.
- 40. No brick adjustment shall be allowed for manholes underneath the pavement.
- 41. The maximum threshold for manhole adjustment underneath the roadway shall be between 0" to 4".

- 42. Final Pipe Inspection in t operation, the contractor sho the video Data post asphalt and DVD must meet the late Construction.
- Signage & Pavement Mo 43. All signs and pavement m Control Devices" and the lat Standards Index numbers 70 Const, Index 630.
- 44. All final pavement marking
- 45. All signs shall be on a ter
- 46. Street signs shall be mour
- Street signs shall be a bordering.
- 48. Stop signs shall meet the
- 49. Stop signs are to be plawalks and on the right hand
- 50. All regulatory signs shall and black. All warning signs red and white.
- 51. Stop bars shall be twent thermoplastic.
- 52. All signs must meet Flori grade sign faces in reflectivit
- 53. For county maintained r white lettering. For private ro
- 54. All pavement markings re

<u>Sidewalks</u>

- 55. The governing publications Standards, Index 522.
- 56. Sidewalks are a minimum collector. All other roadway c sidewalk be less than 5' with
- 57. All sidewalks that are not inspection
- Pedestrian crossing/handic The ramps shall be in acc number 522. All ADA ramp approved by the Engineering
- 59. Whether depicted on the entrance running parallel to
- 60. Sidewalks are to be place approved by the Engineering
- <u>Maintenance of Traffic</u> 61. The governing publications Traffic Design Standards, Inc Const., Section 102, and the
- 62. When FDOT Standard Inde: the site, additional MOT may signs shall be installed and i

	ltem	#12.	
the Right—of—Way or County's easement: After the final pavement all dewater and video the pipe/culvert; the County will only review construction supplied by the contractor/developer, and the tests est edition of the FDOT Standard Specifications for Road and Bridge		ring, LLd	. П. 32043
<u>arkings</u> narkings shall be in accordance with the "Manuel of Uniform Traffic est implemented addition of the FDOT Roadway and Traffic Design 0 & 706 and the current FDOT STD. Spec. for Roadway & Bridge		Enginee	GREEN COVE SPRINGS, E.B. NUMBER: 26:
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n-foot (10') pole a minimum seven feet (7') from the ground.			ORANGE : 904-2
nted with tee caps.	Ō		H NORTH
six inches (6") wide with green backings and white letters and	OC		214
minimum size requirements of the MUTCD.	H		
ced four feet (4') from back of curb, four feet (4') behind cross side of the road.	Ð		i. Ri
be black and white. All construction warning signs shall be orange shall be yellow and black. All no parking and stop signs shall be	R OF RECO	LORIDA	tion numbe 79289
y—four inches (24°) wide and lane width. All stop bars shall be	ENGINEE CHAR	Ŀ	REGISTRA
ida Department of Transportation (FDOT) standards for engineering y.			
roads, street signs shall be colored with a green background and ads, the sign shall be a white background with green lettering.			
equire layout approval by Clay County.	G LOT	<u>۵</u> .	OTES
s for sidewalk are the current FDOT Roadway and Traffic Design	ARKIN	EL COR	ERAL N
of 5' in width for a local road and 6' in width for a residential classifications shall refer to the details herein. In no case shall the nout written approval from the Engineering Division.	ADEMY FOR	S CHAPE	TY GEN
in front of a build able lot, shall be installed prior to the final	GS AC	PRING:	COUN
ap ramps shall be installed wherever the sidewalk meets the curb. ordance with Florida Department of Transportation standard index as shall be installed prior to final acceptance unless otherwise Division.	SPRIN	SF	CLAY
plans or not, a sidewalk is to be installed at the subdivision the right of way for the extent of the property.			
ced, at a minimum, 3' from the property line or as otherwise Division.			
		evisions	
s for maintenance of traffic are the current FDOT Roadway and dex 102 and the current FDOT STD. Spec. for Roadway & Bridge latest edition of the MUTCD.			
xes do not apply and hauling is necessary for the construction of be necessary. Installation of "Trucks Entering and Leaving Highway" maintained throughout the limits of the construction schedule.	PLOT DAT DRAWN E DESIGNEL CHECKED	TE: 1Y: 1) BY: BY:	
	JOB NO.		

SHEET NO.

2A Page 45

AS-BUILT REQUIREMENTS PAVING AND DRAINAGE

<u>General</u>

- Submit one signed and sealed paper copy (24"x36") of the as-builts overlaid on the approved plans. Submit a CAD file compatible with AutoCad 2017 and a pdf that exactly matches the paper copy.
- 2. All as-builts must use the NAVD 1988 vertical datum and the State Plane Coordinate NAD 83 horizontal datum.
- 3. As-built must contain at least the following:
- a. Project name
- b. Project/Development number
- c. Street names
- d. Physical address (commercial sites)
- e. North arrow
- f.Scale
- g. 4 boundary corners
- h. The word "as-built" must be in at least one inch high letters. i.Reference all benchmarks by station and offset
- j.Minimum of 2 benchmarks for every 1000' feet of road

<u>Paving</u>

- 4. As-builts should include elevation, station, and offset at the following every 100': a. Centerline or profile grade line
- b. Top of curb
- c. Gutter or edge of pavement (specify width)
- d. Back of sidewalks (minimum ever 100')
- 5. As-builts should include elevation, station, and offset at each:
- a. PC, and PT
- b. Low and high points
- c. Centerline intersections
- d. Beginning and end valley gutter
- e. Begin and end super elevation transition
- f.Gutter line (Cul-De-Sac every 25')

<u>Drainage</u>

- 6. Location of all drainage structures by station and offset, including
- a. Structure throat top and/or grate elevation (specify which)
- b. Weir and slot elevations and orifice sizes
- c. Pipe invert elevation and flow direction. Including underdrain.
- 7. Size, lengths and types of drainage pipes to include underdrain.
- Cross sections through all swale and ditches. Minimum of every 25'. Must include elevation and locations of centerline, toe of slope, and top of bank.
- 9. Pond details to include:
- a. Elevations located top of bank a minimum of every 100'
- b. Dated elevation of pond water level at time of the as-built
- c. Elevations along bottom of the pond, two shots per acre minimum
- 10. Show all drainage easements to include water flow direction

<u>Signage</u>

11. Location of all street signs by station and offset

Lot Information

12. Lot elevations need to be included for each individual parcel. This must be at every elevation shown on the approved plans.

Letter of Certification

13. The as-built needs to be reviewed by the EOR and their approval must be included in the Engineers Certification letter and submitted with the close-out package.

SE-24-002 Special Exception for Springs Chapel

The City of Green Cove Springs recognizes a modification for special exception by Springs Chapel for the Springs Academy on the property located at 1106 N Orange Avenue/Parcel #017553-000-00 on May 6, 2024.

The special exception was approved by the Planning and Zoning Commission on June 25, 2024 subject to the following conditions and submittal timelines:

Conditions-

- 1. Define the maximum number of students to no more than 156 students.
- 2. Addition of or modification to any existing structure/facility on the site as of the approval of this modification, will require a modification to the Special Exception.
- 3. Provide parking calculations along with site plans.
- 4. Provide a tree survey showing the location of existing trees, comply with the tree preservation requirements set forth in Sec. 113-274~279.
- 5. Secure permits from FDOT for state road access/driveway.
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- 11. Provide a temporary stacking plan for school drop off and pickup with no access from St. Johns Avenue.
- 12. Special Exception shall be limited to Springs Chapel Corp. Any change in ownership shall require modification to the Special Exception.
- 13. Upon approval, failure to comply will result in pulling of the current and past Special Exceptions.

Submittal timeframes-

- 1. Secure a Site Development Plan approval subject to the special exception requirements within 120 days; and
- Completion of construction of the improvements set forth in the approved Site Development Plan and conditions within the Special Exception within 6 months subsequent to Site Plan approval; and
- 3. Not meeting these timeframes shall be considered a violation of the approved Special Exception and shall be grounds for the special exception to be returned to the Planning and Zoning Commission for revocation of the Special Exception; and
- 4. Any other violations of the Special Exception and Site Development Plan shall follow the Code Enforcement procedure set forth in Chapter 22 of the Green Cove Springs City Code.

Please contact me directly at mdaniels@greencovesprings.com if you have any questions.

	L Engineering LI a	714 NORTH DRANGE AVENUE, GREEN CONE SPRINGS, FL 32043 PH: 904-215-1388 E.B. NUMBER: 26383
ENGINEER OF RECORD CHARLES SOHM		REGISTRATION NUMBER: 79289
SPRINGS ACADEMY PARKING LOT FOR	SPRINGS CHAPEL CORP.	CLAY COUNTY GENERAL NOTES
	REVISIONS	
PLOT DA	TE:	
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2



PROJECT INFORMATION				
ENGINEERED PRODUCT MANAGER				
ADS SALES REP				
PROJECT NO.				



SPRINGS CHAPEL

GREEN COVE SPRINGS, FL, USA **IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-800 SYSTEM**

SC-800 STORMTECH CHAMBER SPECIFICATIONS

- CHAMBERS SHALL BE STORMTECH SC-800.
- 2 CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418. "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED 3 WALL STORMWATER COLLECTION CHAMBERS".
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD 4 IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE 5 THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
- CHAMBERS SHALL BE DESIGNED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787. 6 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.

REQUIREMENTS FOR HANDLING AND INSTALLATION:

2024 ADS INC

- TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS
- TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
- TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION. a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 550 LBS/FT/%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN 8. ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
 - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
 - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
 - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
- CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY. 9
- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECH NOTE #6.32 FOR MANIFOLD SIZING GUIDANCE. DUE TO THE 10. ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- 11. ADS DOES NOT DESIGN OR PROVIDE MEMBRANE LINER SYSTEMS. TO MINIMIZE THE LEAKAGE POTENTIAL OF LINER SYSTEMS, THE MEMBRANE LINER SYSTEM SHOULD BE DESIGNED BY A KNOWLEDGEABLE GEOTEXTILE PROFESSIONAL AND INSTALLED BY A QUALIFIED CONTRACTOR.

- STORMTECH SC-800 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- STORMTECH SC-800 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION 2. GUIDE"
- CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. 3 STORMTECH RECOMMENDS 3 BACKFILL METHODS:
 - STONESHOOTER LOCATED OFF THE CHAMBER BED.
 - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
 - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS. 4
- JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE. 5
- MAINTAIN MINIMUM 6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS. 6
- EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE; AASHTO M43 #3, 357, 4, 7. 467, 5, 56, OR 57.
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN 8. FNGINEER
- 9. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF

NOTES FOR CONSTRUCTION EQUIPMENT

- 1. STORMTECH SC-800 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".
- THE USE OF CONSTRUCTION EQUIPMENT OVER SC-800 CHAMBERS IS LIMITED: 2. NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS
 - NO RUBBER TIRED LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE"
 - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE"
- FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING. 3

USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

CONTACT STORMTECH AT 1-800-821-6710 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.





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SPRINGS ACADEMY PARKING LOT FOR SPRINGS CHAPEL CORP.	υνντυς η τη τη του το ματικά.	
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PROPOSED LAYOUT	YOUT PROPOSED FLEVATIONS: *INVERTAB		/E BASE	OF CHAMBER			
93 STORMTECH SC-800 CHAMBERS	MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED):	23.25	PART TYPE	ITEM ON	IN DESCRIPTION IN	VERT*	MAX FLOW
12 ISTORMTECH SC-800 END CAPS 6 STONE ABOVE (in)	MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC): MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC):	<u>17.00</u> 16.50	PREFABRICATED END CAP	А	24" BOTTOM CORED END CAP, PART#: SC800EPE24BPC / TYP OF ALL 24" BOTTOM CONNECTIONS	2.30"	
6 STONE BELOW (in) 40 STONE VOID	MINIMUM ALLOWABLE GRADE (TOP OF RIGID CONCRETE PAVEMENT): MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT):	16.50 16.50	PREFABRICATED END CAP	В	18" TOP CORED END CAP, PART#: SC800EPE18TPC / TYP OF ALL 18" TOP CONNECTIONS	8.00"	
INSTALLED SYSTEM VOLUME (CF) (PERIMETER STONE INCLUDED)	TOP OF STONE: TOP OF SC-800 CHAMBER:	15.75 15.25	FLAMP	D	INSTALL FLAMP ON 24" ACCESS PIPE / PART#: SC7024RAMP	1.60"	
(COVER STONE INCLUDED)	18" x 18" TOP MANIFOLD INVERT: 24" ISOLATOR ROW PLUS INVERT	13.17	MANIFOLD PIPE CONNECTION	E	18" x 18" TOP MANIFOLD, ADS N-12 12" BOTTOM CONNECTION	8.00" 1.60"	
3564 SYSTEM AREA (SF)	12" BOTTOM CONNECTION INVERT:	12.63	NYLOPLAST (INLET W/ ISO	G	30" DIAMETER (24.00" SUMP MIN)		14.0 CFS IN
	BOTTOM OF STONE:	12.00	NYLOPLAST (OUTLET)	Н	30" DIAMETER (DESIGN BY ENGINEER)		2.0 CFS OUT
H H C H C H C H C H C C H C C C C C C C	USE25 WOVEN GEOTEXTILE OVER BEDDING BER FEET FOR SCOUR PROTECTION AT ALL						
BED LIMITS	NOTES THE SITE NOT FOR	DESIGN E Constru	NGINEER MUST REVIEW ELEV CTION: THIS LAYOUT IS FOR E	ATIONS AN DIMENSION	ND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET. NAL PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVED C	N SITE.	

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ACCEPTABLE FILL MATERIALS: STORMTECH SC-800 CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COM
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREP INST
с	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 15" (375 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN CC THE CHAM 6" (150 m WELL G PROC VEHICLE
В	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE ⁵	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE⁵	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE

PLEASE NOTE:

1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4

STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
 WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR COMPACTION REQUIREMENTS

4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT

5. WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL'



NOTES:

- 1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- 2. SC-800 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- 3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH
- CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. REFERENCE STORMTECH DESIGN MANUAL FOR BEARING CAPACITY GUIDANCE. 4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- 5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550 LBS/FT/%. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

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PACTION / DENSITY REQUIREMENT		ing,	32043
PARE PER SITE DESIGN ENGINEER'S PLANS. PAVED ALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.		ineer	ove springs, Fi Number: 26383
COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER MBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN nm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR GRADED MATERIAL AND 95% RELATIVE DENSITY FOR CESSED AGGREGATE MATERIALS. ROLLER GROSS E WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).		$\overline{\mathcal{T}}_{\mathrm{Eng}}$	NRTH ORANGE AVENUE, GREEN CI PH: 904-215-1388 E.B.
NO COMPACTION REQUIRED.		SC	714 NC
COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}		L	
(AASHTO M43) STONE".			
R SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR			
THE SITE DESIGN ENGINEER'S DISCRETION.			
15" 8' 5 mm) MIN* (2.4 m) MAX CROSS SECTION DETAIL REPRESENTS M REQUIREMENTS FOR INSTALLATION. SEE THE LAYOUT SHEET(S) FOR CT SPECIFIC REQUIREMENTS. 0 mm) MIN NOTE 3)		SPRINGS ACADEMY PARKING LOT FOR SPRINGS CHAPEL CORP.	DRAINAGE DETAILS - STORMTECH SC-800
		REVISIONS	5
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SC-800 ISOLATOR ROW PLUS DETAIL

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INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT

- A. INSPECTION PORTS (IF PRESENT)
- A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
- A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
- A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
- A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
- A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
- B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
- B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
 - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
- B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
 - A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
 - B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
 - C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

- 1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- 2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

T • SC-800 END CAP	TOCOI F	JC Engineering. LL(714 NORTH DRANGE AVENUE GREEN COVE SPRINGS, FL 32043 PH: 904-215-1388 E.B. NUMBER: 26383
5 WOVEN GEOTEXTILE BETWEEN HAMBERS JOUS FABRIC WITHOUT SEAMS	SPRINGS ACADEMY PARKING LOT	SPRINGS CHAPEL CORP.	DRAINAGE DETAILS - STORMTECH SC-800
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* ASSUMES 6" (152 mm) STONE ABOVE, BELOW, AND BETWEEN CHAMBERS

PRE-CORED HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "BPC" PRE-CORED HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "TPC"

**ASSUMES 6" (152 mm) STONE ABOVE AND BELOW END CAPS, 6" (152 mm) BETWEEN ROWS, 12" (305 mm) BEYOND END CAPS

PART # STUB В С 21.4" (544 mm) SC800EPE06TPC ----6" (150 mm) 0.9" (23 mm) SC800EPE06BPC ---19.2" (488 mm) SC800EPE08TPC ---8" (200 mm) 1.0" (25 mm) SC800EPE08BPC ---SC800EPE10TPC 17.0" (432 mm) ---10" (250 mm) SC800EPE10BPC 1.2" (30 mm) ---SC800EPE12TPC 14.4" (366 mm) ---12" (300 mm) 1.6" (41 mm) SC800EPE12BPC ---11.3" (287 mm) SC800EPE15TPC ----15" (375 mm) 1.7" (43 mm) SC800EPE15BPC ----8.0" (203 mm) SC800EPE18TPC ----18" (450 mm) 2.0" (51 mm) SC800EPE18BPC ----24" (600 mm) 2.3" (58 mm) SC800EPE24BPC ---NONE SOLID END CAP SC800EPE





NI.						Item ‡	‡12.
ON TO D.D. (610 mm) MIN (610 mm) MIN (610 mm) MIN (610 mm) MIN (610 mm) MIN	YLOPLAST DR NTS	AIN BASIN	18" (457 mm) MIN WIDTH AASHT(8" (20) TRAFFIC LOADS: ARE FOR GUIDEL ACTUAL CONCRE DESIGNED GIVIDEL LOCAL SOIL CON & OTHER APPLIC.	D H-20 CONCRETE SL 3 mm) MIN THICKNES CONCRETE DIMENSIO INE PUPOSES ONLY. TTE SLAB MUST BE G CONSIDERATION FO DITIONS, TRAFFIC LO ABLE DESIGN FACTOJ	AB S DNS DR ADING RS		TH NORTH NORTH ORMER ARENIE, CHERN CONE SPRINGS, FL 22043 PH: 904-213-1388 E.B. NUMBER: 25383
			ADAPTER ANGLE ACCORDING TO F	S VARIABLE 0°- 360° PLANS VARIABLE SUMP DEF ACCORDING TO PLA mm) MIN ON 8-24" (20 254 mm) MIN ON 30" (7	2TH NS 0-600 mm), 750 mm)]		
ND LE: DR PE NT (N)			4" (102 mm) MIN 6" (152 mm) BACKFILL MATER OF STRUCTURE S CLASS I OR II CRI AND BE PLACED LIFTS AND COMP	N ON 8-24" (200-600 mi MIN ON 30" (750 mm) NAL BELOW AND TO S SHALL BE ASTM D232 JSHED STONE OR GR UNIFORMLY IN 12" (30 ACTED TO MIN OF 90'	n) IDES 1 KAVEL 15 mm) %	PARKING LOT	PEL CORP. FORMTECH SC-800
NOTES 1. 8-30" (20 GRADE 2. 12-30" (3 3. DRAINE 4. DRAINA FOR CO 5. FOR CO 6. TO ORD	200-750 mm) GRATES/S 70-50-05 300-750 mm) FRAMES 3ASIN TO BE CUSTOM GE CONNECTION STU RRUGATED HDPE (AI MPLETE DESIGN ANE DER CALL: 800-821-67	SOLID COVERS SHALL SHALL BE DUCTILE IR I MANUFACTURED AC JB JOINT TIGHTNESS DS & HANCOR DUAL W PRODUCT INFORMA 10	BE DUCTILE IRON PE CON PER ASTM A536 G CORDING TO PLAN DE SHALL CONFORM TO /ALL) & SDR 35 PVC TION: WWW.NYLOPL/	R ASTM A536 GRADE 70-50-05 ETAILS ASTM D3212 AST-US.COM		SPRINGS ACADEMY	SPRINGS CHAF DRAINAGE DETAILS - S ⁻
Α	PART #	GRATE/S	OLID COVER (OPTIONS			
8" (200 mm)	2808AG	PEDESTRIAN LIGHT DUTY	STANDARD LIGHT DUTY	SOLID LIGHT DUTY			
10" (250 mm)	2810AG	PEDESTRIAN LIGHT DUTY	STANDARD LIGHT DUTY	SOLID LIGHT DUTY			ISIUNS
12" (300 mm)	2812AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20			
15" (375 mm)	2815AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20			
18" (450 mm)	2818AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20		PLOT DATE: DRAWN BY:	1
24" (600 mm)	2824AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20		DESIGNED CHECKED E SCALE:	BY: IY:
30" (750 mm)	2830AG	PEDESTRIAN AASHTO H-20	STANDARD AASHTO H-20	SOLID AASHTO H-20		JOB NO.: She	et no.
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NOTE: ALL DIMENSIONS ARE NOMINAL

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	4				3		4	2					
	FLEXST	ORM IN	NLET FIL	TERS		REAR CU	IRB GUARD		2"		LIFT HAN	DLES	11 GAUGE S
	PRODUC	T SEL	ECTION (AND		FLAP WI MAGNETI DIWNS	TH C TIE						
	SPECIF		N DRAWI	NG									
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										REPLACE	ABLE SEDIM	ENT BAGS	
	STAINLES	S STEEL ROUN	D INLET FILTERS fo ASTINGS	or									
	CATCH-1	TS SPECIFIED \	N/ FX or FX-S BAGS	5	FILTER FOR C	JRB HOODS	"Å" —	TYPICAL RECTANGU	JLAR INLET	FILTER			
INDEN	TIFY YOUR FRAME S	TYLE, SIZE, AND	MATERIAL										
YLE	Small Round (up to	FRAM	E STYLE AND SIZE es (A) dim)		Frame P/N: 62SRD								
	Med Round (20.1"	- 26.0" dia grat	es (A) up to 25" dia	a openings (B))	62MRD				"D" -			1	
2 2 2	XL Round (32.1" di	" - 32.0" dia grat a - 39" dia grate	tes (A) up to 30" o es (A) up to 37" dia	openings (B))	62LRD 62XLRD	I							
ARE	Small Rect / Squar Med Rect / Square	e (up to 16" (B) (up to 24" (B)	x 16" (D) opening x 24" (D) openings	s or 64" perimeter) or 96" perimeter)	62SSQ 62MSQ				17	3			73
sQU	Large Rect / Square	e (up to 36" (B)	x 24" (D) opening	s or 120" perimeter)	62LSQ			Π					
γ.	Small Rect / Square (s	e (ref Rect sizir	ng; shipped with N	lagnetic Curb Flaps)	62SCB							λ	
INLET	Med Rect / Square	e (ref Rect sizin e (ref Rect sizii	g; shipped with M ng; shipped with N	agnetic Curb Flaps) Aagnetic Curb Flaps)	62MCB 62LCB				بر ا				
	XL Rect / Square (12" diameter Nylo	ref Rect sizing; plast castings (shipped with Mag Stainless Steel Fra	netic Curb Flaps) ming standard)	62XLCB 6212NY					WALL	MOUNT INLE	T FILTERS I	FOR
PLAST	15" diameter Nylo	plast castings (Stainless Steel Fra	ming standard)	6215NY								
ΝΥΓΟ	24" diameter Nylo	plast castings (Stainless Steel Fra	ming standard)	6224NY	\backslash			SI		Filtered Fl	ANDARD	BAGS BY NC at 50% Max
F	30" diameter Nylo Open Throat Gutte	plast castings (ers - Curb Open	Stainless Steel Fra ing Size	ming standard)	6230NY				Nominal	Solids Storage	FX	PC	IL
NON	Up to 4' (1 Filter a Between 4' and 8'	nd Mounting H	lardware) Jounting Hardware		62WM1				Bag Size	(CuFt)	(Woven)	(Post Constr)	(Non Woven)
VALLI	Between 8' and 12	(3 Filters and	Mounting Hardware	re)	62WM3				Small	1.6	1.2	0.8	0.9
ι	Between 12' and 1 JPGRADED FRAMING	6' (4 Filters and MATERIAL OP	TIONS (STANDARI	are) D IS ZINC PLATED)	62WM4 SUFFIX				Large	3.8	2.2	1.2	1.3
ROME	PLATED FRAMING F	OR HIGH SALT E	XPOSURE		- CHR				XL * DC filter	4.2	3.6	2.4	2.6
AINLES	S STEEL FRAMING F	UR HIGH SALT A	ND/OR CHEMICAL	EXPOSURE	- SS	<u>INSTALLATION</u> 1. REMO∨E GRATE			** PC filte	r bag at 50%	% capacity a	and MyCe	elx skimmer
ELECT	YOUR FILTER BAG	PART NUMBER	(12" denth)	Clean Water Flow	Min A O S	2. DROP FLEXSTORM LOAD BEARING LI	INLET FILTER ON	ТО				ססחד	
EXSTO	ORM FILTER BAGS	STD Bag P/N	Short Bag P/N	Rate (GPM/SqFt)	(US Sieve)	CONCRETE STRUC 3. REPLACE GRATE	TURE				BY	INLET	
Stand : Wov	lard Woven Bag ven w/ MvCelx	FX FXP	FX-S FXP-S	200 200	40 40						M M	WINTE	
D: Wo	ven w/ Oil Boom	FXO	FXO-S	200	40	3. CREATE YOUR FLE	XSTORM INLET FIL	TER PART NUMB	BER		(86)	6) 287 30) 355	7-8655 5-3477
: Post (+: PC B	Lonstruction Bag Bag w/ MyCelx	PC PCP	PC-S PCP-S	137	140 140		Filter Dec D /M				INF		
: Litter	and Leaf Bag	Ш	LL-S	High	3.5	Frame P/N from Step 1.	from Step 2.	Materi	al		C		FLEXS
. IDOT 1	lon Marine D										-		



SEDIMENT AND EROSION CONTROL NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE IF NOT REUSABLE ON-SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
- THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORAR EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
- ADDITIONAL PROTECTION ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
- 4. CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
- 5. WIRE MESH SHALL BE LAID OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF I FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS SHALL BE USED. IF MORE THAN ONE STRIP OF MESH IS REQUIRED, THE STRIPS SHALL BE OVERLAPPED.
- 6. FDOT NO. 1 COARSE ACGREGATE SHALL BE PLACED OVER THE WIRE MESH AS INDICATED ON SEDIMENT FILTER DETAIL (SEE DETAIL THS SHEET). THE DEP TH OF STONE SHALL BE AT LEAST 12 IN GHES OVER THE ENTRE INLET OPENING. THE STONE SHALL EXTEND BETOOND THE INLET OPENING AT LEAST 18 INCHES ON ALL SIDES.
- 7. IF THE STONE FILTER BECOMES CO GEO WH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONES MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.
- 8. BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
- 9. BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER.
- 10. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED.A TRENCH SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 4 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
- 11. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.
- 12. LOOSE COIR SHOULD BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.
- 13. COIR BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
- 14. CLOSE ATTENTION SHALL BE GIVEN TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.
- 15. NE CESSART REP ARS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.
- 16. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL.IT MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-THALT THE HEIGHT OF THE BARRIER.
- 17. ANY SEDIMENT DEPOSITS REMAINING IN PLACE, AFTER THE COIR BALE OR FILTER BARRIERS, AND OR SILT FENCES ARE NO LONGER REQUIRED, SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, REPEARED AND SEEDED.
- 18. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL ANY REQUIRED REPARS SHALL BE MADE IMMEDIATELY.
- 19. SHOULD THE FABRI CON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFE CITVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED IMMEDIATELY.
- 20. STRUCTURES SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS REQUIRED.
- 21. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP, REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- 22. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS AND ST. JOHNS RIVER WATER MANAGEMENT DISTRICT RULES AND REGULATIONS.
- 23. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO "THE FLORIDA DEVELOPMENT MANUAL A GUIDE TO SOUND LAND AND WATER MANAGEMENT FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION (F.D.E.P.) CHAPTER 6.
- 24. EROSION AND SEDIMENT CON TROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION. SEE DETAILS (THIS SHEET) FOR TYPICAL CONSTRUCTION.
- 25. SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED.
- 26. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND TRANSPORTATION OF SUSPENDED SOLDS TO THE RECEVING OUTFALL
- 27. DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.
- 28. ALL DISTURBED AREAS SHALL BE GRASSED, FERTILIZED AND WULCHED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED. CONTRACTOR SHALL USE ADDITIONAL MEASURES TO STABLIZE DISTURBED AREAS THROUGH COMPACTION, SILT SCREES, COIR BALES, AND GRASSING ALL FILL SLOPES 3:1 OR STEEPER TO RECEIVE STAKED SOLD SOLD.
- 29. ALL DEWATERING, EROSION, AND SEDIMENT CONTROL SHALL REMAIN IN PLACE UNTIL AFTER COMPLETION OF CONSTRUCTION, AND REMOVED ONLY WHEN AREAS HAVE BEEN STABILIZED.
- 30. THIS PLAN INDICATES THE MINIMUM EROSION AND SEDIMENT MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
- 31. THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL WATER MANAGEMENT DISTRICT INQUIRES, RELATIVE TO COMPLIANCE OF SURWIND FOR EROSION AND SEDMENTATION CONTROL. THE COST OF THIS COMPLIANCE SHALL BE PART OF THE CONTRACT.
- 32. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS AND PRESERVATION LASEMENTS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION.
- 33. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING A PERMANENT STAND OF SOD AND/OR GRASS PER THE CONTRACT DOCUMENTS AND MEETING THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, ST. JOHNS COUNTY, AND NPDES FINAL STABLIZATION REQUIREMENTS.
- 34. THESE PLANS INCLUDING THE POLLUTION PREVENTION PLAN INDICATE THE MINIMUM EROSION & SEDIMENT CONTROL MEASURES REQUIRED FOR THIS PROJECT. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO "THE FLORIDA DEVELOPMENT MANUAL A GUIDE TO

SOUND LAND AND WATER MANAGEMENT" FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (F.D.E.P.) CHAPTER 6. CONTRACTOR SHALL PROVIDE EROSION PROTECTION AND TURBIDITTC ONTROL AS REQUIRED TO INSURE CONFORMANCE TO STATE AND FEDERAL WATER QUALIT STANDARDS AND MAT NEED TO INSTALL ADDITIONAL CONTROLS TO CONFORM TO AGENCIES REQUIREMENTS. IF A WATER QUALITY WOLATION OCCURS, THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR ALL DAMAGE AND ALL COSTS WHICH MAY RESULT INCLUDING LEGAL FEES, CONSULTANT FEES, CONSTRUCTION COSTS, AND FINES.

35. 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR WILL SUBMIT A "NOTICE OF INTENT" TO THE EPA IN ACCORDANCE WITH NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM RULES AND REGULATIONS. (FOR ANY CONSTRUCTION NOT COVERED BY THE OWNER'S NOTICE OF INTENT" PERMIT)





TEMPORARY DEWATERING DETAIL







THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 cfs) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.





POINTS A SHOULD BE HIGHER THAN POINT B







SECTION VIEW POINTS A SHOULD BE HIGHER THAN POINT B

PROPER PLACEMENT OF A FILTER BARRIER IN DRAINAGE WAY

N.T.S.



THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER

N.T.S.



CROSS-SECTION OF A PROPERLY INSTALLED COIR BALE N.T.S.















All documents and materials supplementing the signed and sealed documents are resources provided for clarification purposes only and do not supersede the signed and sealed documents. Engineer is not responsible for any deviations from the signed and sealed documents



Post (Options: 2" x 4" Or -2½" Min. Dia. Wood; Steel 1.33 Lbs/Ft. Min.) 18 Oz. Nylon Reinforced PVC Fabric (300 psi Test

TOCOI	C Engineering. LL(⁵¹	714 NORTH DRANGE AVENUE CREEN COVE SPRINGS FI 37043	PH: 904–215–1388 E.B. NUMBER: 26383
SPRINGS ACADEMY PARKING LOT ENGINEER OF RECORD FOR	SPRINGS CHAPEL CORP.		
PLOT DATI DRAWN B DESIGNED CHECKED SCALE JOB NO.: SH 1 Pagu	E: A: BY: BY: EET NO EET NO EET NO EET NO		

















3'-4"

N.

STORM WATER POLLUTION PREVENTION PLAN

CITY'S REQUIREMENTS	CONTRACTOR'S REQUIREMENTS						
SITE DESCRIPTION	GENERAL	CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA RELOW THE LEVEL		HAZARDOUS PRODUCTS			
PROJECT NAME AND LOCATION: SPRINGS ACADEMY PARKING LOT 1106 NORTH ORANGE AVENUE GREED: COVE SPRINGS, FL 32043 OWNER NAME AND ADDRESS: DR. CHRISTNAN POPE SPRINGS ACADEMY CORPORATION 1106 NORTH ORANGE AVENUE GREEN COVE SPRINGS, FL 32043 DESCRIPTION	THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL FUAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR WAY BE REQUIRED TO ADD FLOCULANTS TO THE RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.	 LIP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE. LEVEL SPREADER SHALL BE CONSTRUCTED IN ACCORDANCE TO CITY STANDARD DETAIL D= 914. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT STE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EVOLVED AND ALLONG SCHALL MATE CONTEXCES INTO A DESE 	THE 3.600 CUBIC FEET OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS FROM ONSITE AREAS THAT ARE EITHER UNDSTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SCHMENT BASIN. ANY TEMPORARY SEDIMENT BASINS CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL ALL SEDIMENT COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.	THESE PRACTICES ARE USED TO REDUCE THE RISKS ASS HAZAROOUS MATERIALS. * PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNI RESEALABLE. • ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE CONTAIN IMPORTANT PRODUCT INFORMATION. * IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFA AND STATE RECOMMENDED METHODS FOR PROPER DISP FOIL OWED.			
SECTION 38, TOWNSHIP 6, RANGE 26 LOTS 1-14 BLK: N.S. GCS AS REO 0 R 30 PG 304: 181 PG 30: 417 PG 109:	SEQUENCE OF MAJOR ACTIVITIES:	THIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN	OTHER CONTROLS	PRODUCT SPECIFIC PRACTICES			
ISO TO ELABLE, N.S. GUS AS RED O R 30 PC 304; TBT PC 30; 477 PC 30; TSO TO E BARE; TOT DE 1418; TOBE 1475, 2436 PC 1391 & 4558 PC 389 SOLL DISTURBING ACTIVITIES WILL INCLUDE: CLEARING AND GRUBBING; EARTHWORK, PAVEJENT AND GRADING; STORM SEWER, UTLITES, AND PREPARATION FOR FINAL PLANTING AND SEEDING. RUNOFF CURVE NUMBERS: 1. POST-CONSTRUCTION = 2. DURING CONSTRUCTION = 3. POST-CONSTRUCTION = 3. POST-CONSTRUCTION = 3. POST-CONSTRUCTION = 3. SEE SOLL BORING REPORT FOR SOLLS DATA SITE MAPS: • SEE ATTACHED GRADING PLAN FOR PRE & POST DEVELOPMENT GRADES, AREAS OF SOLS, DISTURBANCE, LOCATION OF SURFACE WATERS. WETLANDS, AND STORM WATER DISCHARGE POINTS. • SEE ATTACHED DISCHARGE POINTS. • SEE CHERAL NOTES FOR REQUIRENTS FOR TEMPORARY AND PERMANENT STABILIZATION. SITE AREA: 1. TOTAL AREA OF SITE = 2. TOTAL AREA OF SITE = 3. TOTAL AREA OF SITE = 4. TOTAL AREA OF SITE = 4. TOTAL AREA OF SITE = 5. TOTAL AREA AND SITURBED TINTON SITUREDITY DANTING SITURBED TINTON SITUREDITY PLAN HAS BEEN PREPARED TO INSTRUCTION SITUREDITY PLAN HAS SITURBED TINTON SITUREDITY PLAN HAS SITURBED TINTON SITURBED THE SITURBED THE SITURBED THE SITURBED THE SITURBED THE	THE ORDER OF ACTIVITES WILL BE AS FOLLOWS: 1. INSTALL STABILIZED CONSTRUCTION ENTRANCE 2. INSTALL SILT FENCES AND HAY BALES AS REQUIRED 3. CLEAR AND GRUB FOR DIVERSION SWALES/DIKES AND SEDIMENT BASIN 5. CONTRUCT SEDIMENTATION BASIN 6. STOCK PILE TOP SOL IF REQUIRED 7. PERFORM PRELIMINARY GRADING ON STABILIZE DENUEDD AREAS AND STOCK PILE TOP SOL IF REQUIRED 8. STOCK PILE TOP SOL IF REQUIRED 9. STABILIZE DENUEDD AREAS AND STOCK PILE SA S REQUIRED 9. STABILIZE DENUEDD AREAS AND STOCK PILE SA SON AS PRACTICABLE TIMING OF CONTROLS/MEASURES	 ERCSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREAS WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS. INLET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE DIRECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM RUNOFF-UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET. TEMPORARY SEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN 30 DAYS SHALL BE SEEDED WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVDE AN EARLY COVER DURING THE SEASON IN WICH IT SPLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEOORY ESTABLISHED IN PARAGRAPH & ABOVE SHALL ADDITIONALLY RECEVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOLL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHAL RECEVE FOR THE SEEDED OR SEEDED AND MULCHAL FILL DISTONALLY RECEVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOLL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCHAL 10. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHAL RECEVE FROLIED AND WITHERD OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHENT OF A GOOD GRASS COVER. TEMPORARY GRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED FOR PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS. TEMPORARY REGRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED FOR PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS. TEMPORARY REGRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED FOR PERMANENT GRASSING SHALL BE THE SAME MIX & AMOUNT FOR TEREDRARY GRASSING SHALL BE THE SAME MIX & AMOUNT FOR TEREDRARY GRASSING SHALL BE THE SAME MIX & AMOUNT FROUNDS CONDITIONAL SEED APPLIED SUFF	WASTE DISPOSAL WASTE MATERIALS ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER MILL MEET ALL LOCAL AND STATE SOLD WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERITEIDENT, THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANNERS DAY-TO-DAY SITE OPERATIONS, WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. SANITARY WASTE ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DEPSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.	THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE PETROLEUM PRODUCTS ALL ONSITE VEHICLES WILL BE MONITORED FO REGULAR PREVENTIVE MAINTENANCE TO REDU LEAKAGE. PETROLEUM PRODUCTS WILL BE ST CONTAINERS WICH ARE CLEARLY LABELD. A USED ONSITE WILL BE APPLIED ACCORDING TO RECOMMENDATIONS. FERTILZERS FERTILZERS FERTILZERS USED WILL BE APPLIED ONLY IN RECOMMENDATIONS. FERTILZERS MANUFACTURER, ONCE BE WORKED INTO THE SOLIT DIMIT EXPOSIT STORAGE WILL BE IN A COVERED AREA. THE PARTALLY USED BAGS OF FERTILZER WILL BE SEALABLE PLASTIC BIN TO AVOID SPILLS. PAINTS ALL CONTAINERS WILL BE TIGHTLY SEALED AN REQUIRED FOR USE. EXCESS PAINT WILL NOT STORM SEVER SYSTEM BUT WILL BE TORPERL TO MANUFACTURERS' INSTRUCTIONS OR STAT CONCRETE TRUCKS WILL NOT BE ALLOWED TO SURPLUS CONCRETE OR DRUM WASH WATER I SPILL CONTROL PRACTICES IN ADDITION TO THE GOOD HOUSEKEPING AND MATERIA PRACTICES BUGUSSED IN THE PREVIOUS SECTIONS OF FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PI CLEANUP:			
THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS. REFER TO "CONTRACTORS RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED. STORM WATER MANAGEMENT STORM WATER DRAINAGE WILL BE PROVIDED BY (DESRIPTION:)	ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIKE/SWALES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE EROSION & TURBIDITY CONTROL PLAN.	CONSTRUCTED TO PREVENT EROSION AND SEDMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED. 13. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSTE FACILITES.	OFFSITE VEHICLE TRACKING A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT DALLY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIA ERAN THE CONSTRUCTION SITE WILL BE CONSERVITION A	CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL B PROCEDURES AND THE LOCATION OF THE INFORMATION SUPPLIES. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLE. IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT A			
FOR THE PROJECT. AREAS WHICH ARE NOT TO BE CONSTRUCTED ON, BUT WILL BE REGRADED SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE, WHEN CONSTRUCTION IS COMPLETE, A TOTAL OF ACRES WILL HAVE BEEN REGRADED, ACRES LEFT UNDISTURBED. THE SITE DISCHARGES TO A WET DETENTION SYSTEM. WHERE PRACTICAL, TEMPORARY SEDIMENT BASINS WILL BE USED TO INTERCEPT SEDIMENT BEFORE ENTERING THE PERMANENT DETENTION BASIN. THE WET DETENTION SYSTEM IS DESIGNED WITH A DAY MINIMUM RESIDENCE VOLUME. THIS IS IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT FOR THIS TYPE OF DEVELOPMENT AT THE TIME OF PERMITTING.	IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MANTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLIDED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE EROSON AND TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE EROSION AND TURBIDITY CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT	 PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROMDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHED OR SODDED. STRUCTURAL PRACTICES TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY. AND IT SHALL BE CONSTRUCTED IN ACCORDANCE TO D-914. 	INVENTORY FOR POLLUTION PREVENTION PLAN INVENTORY FOR POLLUTION PREVENTION PLAN THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION: Concrete Fertilizers Concrete Fertilizers Asphalt Petroleum Based Products Tor Cleaning Solvents	INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, GLOVES, OGGOLES, LIQUID ABSORBENT (I.e. KITY LITTER SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONT FOR THIS PURPOSE. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER D THE SPILL AREA WILL BE KEPT WELL VENTILATED AND F WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT CONTACT WITH A HAZARDOUS SUBSTANCE. SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REP. APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, F			
IMING OF CONTROLS/MEASURES		AN DRAINAGEWAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA.		THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INC			
CONTROL/MEASURES.	STABILIZATION PRACTICES	THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER INDEPENDANTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION	SPILL PREVENTION	PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION (
CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS WATER MANAGEMENT AND EROSION AND TURBIDITY CONTROLS, THE FOLLOWING PERMITS HAVE BEEN 00FAINED. D.E.R. DREDOG/FILL PERMIT #	 HAY BALE BARRIER- HAY BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS: A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES. C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS. D. EVERY EFFORT SHOLD BE MADE TO LIMIT THE USE OF STRAW BALE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SWALES WHERE THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE AGAINST WASHOUT. 	DIKE: A. BLOCK & GRAVEL SEDIMENT FILTER - THIS PROTECTION IS APPLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE, REFER TO D-902 FOR CONSTRUCTION OF A CURB INLET SEDIMENT FILTER, AND D-904 FOR CONSTRUCTION OF A DROP INLET SEDIMENT FILTER. B. GRAVEL SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES & UNPROTECTED AREAS, REFER TO D-903 FOR CONSTRUCTION OF CURB INLET & DROP	MATERIAL MANAGEMENT PRACTICES THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF. GOOD HOUSEKEEPING THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT. • AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.	CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO B THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY- OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEA- HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PE WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAININ NOVIDUALS WILL EACH BECOME RESPONSIBLE FOR A P. OF PREVENTION AND CLEANUP. THE NAMES OF RESPON- PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE APPLICABLE, IN THE OFFICE TRAILER ONSITE.			
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL	BALE BARRIER. ALSO REFER TO D-901, D-911 AND D-12 FOR PROPER LOCATION. MATERIAL & USAGE.	SEDIMENT TRAP. C. DROP INLET SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE	* ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY				
ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONEL PROPERTY GATHERED AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOMLEDGE AND BELLEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT FPALATURES FOR SUBMITTED FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOMING VOLATIONS.	 COUNTING WITCHIER & GUINEL FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS: A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES. REFERT TO CITY STANDARD DETAIL D=910 FOR PROPER CONSTRUCTION OF THE FILTER FABRIC BARRIER. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT- FREE STORM RUNOFF IS INTERCEPTE AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDESTURBED STABILIZED AREAS. THIS PRACTICE ADDIVES ONLY IN DIVERS STURDER WHERE SUBJECT IN SPREADER SAME STARLE CON YILL FOR STUDY AND FUELTION. 	 CHARLET RELEASE INTERF - INVIECTION IS APPLICABLE WIFELE THE INLET DRAINS A RELATIVELY FLAT REG (\$ < 5X) AND WHERE SHEET OR OVERLAND FLOWS (Q < 0.5 CFS) ARE TYPICAL. THIS METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATE DFLOWS SUCH AS IN STREET OR HIGHWAY MEDIANS. REFER TO D-905 FOR CONSTRUCTION OF HAY BALE & FABRIC SEDIMENT FILTER. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COLD CAUSE EROSION & SEDIMENT PROBLEM TO THE RECEIVING WATER BODY. SLIT FENCES & HAY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARING STRUCTURE AS SHOWN ON THE CUTLET PROTECTION DETAIL SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH 10 OR MORE DISTURBED ACRES AT OME THE, THE PROPOSED STORM WATER PRORS (STURPCRAPY PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE SEDIMENT BASINS MUST PROVIDE A MINIUM OF 3,600 CUBIC FEET OF STORAGE PRE ACRE PRANED UNIT, FINAL STABILZATION OF THE STEL. 	MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECIVE PROPER USE AND DISPOSAL.	EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRU- USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS. • NO MORE THAN 10 ACRES OF THE SITE WILL BE DEN. WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. • ALL CONTROL MEASURES WILL BE INSPECTED BY THE THE PERSON RESPONSIBLE FOR THE DAY TO DAY SIT SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LE FOLLOWING ANY STORM EVENT OF 0.25 INCHES OR GI • ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAIN ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIA REPORT. • BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FEM REACHED ONE—THIRD THE HEICHT OF THE FENCE.			
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Page 71

PROGET STORM WATER POLUTION PERCENTION PLAN INSPECTION AND MANTENANCE REPORT FORM INSPECTION AND MANTENANCE REPORT DAMES REMARK TO THE FOLLITION PERCENTION PLAN INSPECTION AND MANTENANCE REPORT DAMES REMARK TO THE FOLLITION PERCENTION PLAN INSPECTION AND MANTENANCE REPORT DAMES REMARK TO THE FOLLITION PERCENTION PLAN REMORE TO THE FOLLITION PERCENTION PLAN REMORE TO THE FOLLITION PLAN REMORE TO THE FOLLITION PLAN REMORE TO THE FOLLITION PERCENTION PLAN INSPECTION AND MANTENANCE REPORT INSPECTION AND MANTENANCE REPORT REMORE TO THE FOLLITION PERCENTION OF REPORT OF REPORT REMORE TO THE FOLLITION OF REPORT OF REPORT OF REPORT REMORE TO THE FOLLITION OF REPORT OF REPORT OF REPORT REMORE TO THE FOLLITION OF REPORT OF REPOR	EPA'S NATIONAL POLLUTION DISCHARGE ELMINATION N FOR CONSTRUCTION SITES OVER 5 ACRES. THIS RY RAINFALL EVENT OVER 0.25 INCHES. IT IS SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR. CHARLES SOHM ENGINEER OF RECORD CHARLES SOHM REDSTRATION NUMBER: 714 NORTH ORANGE ARENUE, GREEN ONE SPANDS, FL. 2004 TLA TORTH ORANGE ARENUE, GREEN ONE SPANDS, FL. 2004 TLA NORTH ORANGE ARENUE, GREEN ONE SPANDS, FL. 2004 TLA NORTH ORANGE ARENUE, GREEN ONE SPANDS, FL. 2004 TLA NORTH ORANGE ARENUE, GREEN ONE SPANDS, FL. 2004 REDSTRATION NUMBER: TAR NORTH ORANGE ARENUE, GREEN ONE SPANDS, FL. 2004 TLA TAR NORTH OF A THE CONTRACTOR. TAR NORTH ORANGE ARENUE, GREEN ONE SPANDS, FL. 2004 TLA TAR NORTH OF A THE CONTRACTOR. TRANSPORTING AND A THE CONTRACTOR. TAR NORTH OF A THE CONTRACTOR. TAR NO THE THE OF A THE CONTRACTOR. TAR NO THE THE OF A THE CONTRACTOR. TAR NO THE
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Date
This document has been digitally signed and sealed by:





Digitally signed by Alfred B Pittman DN: c=US, o=Pittman Landscape Architecture, dnQualifier=A01410D00000180664F 4A6A00095FCD, cn=Alfred B Pittman Date: 2025.01.08 07:55:27 -05'00'

Printed copies of this document are not considered signed and sealed. The signature must be verified on the electronic documents.

Pittman Landscape Architecture, Inc.

4049 San Servera Dr. N. Jacksonville, FL 32217 904-327-7718 www.pittmanLA.com Landscape Architect Comany No.: LC-26000443 Alfred B. Pittman Individual License: LA-1601

The above named professional landscape architect shall be responsible for the following sheets in accordance with Chapter 481.321 Florida Statutes:

DS-1 Digital Signature LA1 Tree Removal and Protection Plan LA2 Tree Mitigation Table LA3 Landscape Plan LA4 Landscape Specifications



4049 San Servera Dr N Jacksonville, Florida 32217 ph 904 327 7718 PittmanLA.com

PLANS PREPARED UNDER THE DIRECTION OF Alfred B. Pittman, MLA, PLA Florida Landscape Architect LA-1601

ISA Certified Arborist FL-5742A

CLIENT



Green Cove Springs, FL

PROJECT

Springs Academy Site Improvements

Green Cove Springs, FL

DATE 1-8-25				
REVISIONS				
NO.	Date	Description		

DRAWING TITLE

DIGITAL SIGNATURE SHEET

> SHEET NO. DS1





Project Name: Springs Academy Project Location: US 17, Green Cove Springs, Florida Protected Tree Jurisdiction: City of Green Cove Springs, Florida Development Type: Commercial/Institutional Date of Tree Evaluation: 12-23-24 Evaluator: Alfred B. Pittman ISA Certified Arborist (FL-5742A) and Landscape Architect (Florida LA-1601) PITTMAN LANDSCAPE ARCHITECTURE

4049 San Servera Drive North Jacksonville, Florida 32217

Tree No. (See Plan)	T (Ind e: Se	ree S ches ach s liste epara	Size DBH, stem ed ately)	Common Name (Botanical Name)	Condition	Recommended Action	Protected Status by Ordinance	Hardwood Trees Removed (12"+)	Mitigation Rate
1	10			Laurel oak (Quercus laurifolia)	Good condition, healthy	Preserve	Protected		
2	161	6		Southern magnolia (Magnolia grandiflora)	Good condition, healthy	Remove for construction	Protected	32	1:1
3	41			Live oak (Quercus virginiana)	Good condition, healthy	Preserve	Protected		
4	33			Live oak (Quercus virginiana)	Good condition, healthy	Preserve	Protected		
5	23			Southern magnolia (Magnolia grandiflora)	Good condition, healthy	Remove for construction	Protected	23	1:1
6	15			Southern magnolia (Magnolia grandiflora)	Good condition, healthy	Remove for construction	Protected	15	1:1
7	54			Live oak (Quercus virginiana)	Good condition, healthy	Preserve	Protected		
8	85			Live oak (Quercus virginiana)	Good condition, healthy	Preserve	Protected		
9	23			Laurel oak (Quercus laurifolia)	Good condition, healthy	Preserve	Protected		
10	34			Live oak (Quercus virginiana)	Significant dieback in crown, lightning damaged	Remove for construction	Not protected		
11	30			Live oak (Quercus virginiana)	Good condition, healthy	Preserve	Protected		
12	8	8		Holly (Ilex spp.)	Good condition, healthy	Remove for construction	Protected	16	1:3
13	22			Mockernut hickory (Carya tomentosa)	Good condition, healthy	Remove for construction	Protected	22	1:3
14	32			Live oak (Quercus virginiana)	Good condition, healthy	Preserve	Protected		
15	21			Pindo palm (Butea capitata)	Good condition, healthy	Remove for construction	Not protected		
16	9	3		Cherry laurel (Prunus caroliniana)	Good condition, healthy	Remove for construction	Not protected		
17	8			Cherry laurel (Prunus caroliniana)	Good condition, healthy	Remove for construction	Not protected		
18	5			Laurel oak (Quercus laurifolia)	Good condition, healthy	Remove for construction	Not protected		
19	10			Camphor (Cinnamoma camphora)	Good condition, healthy	Remove for construction	Not protected		
20	20			Laurel oak (Quercus laurifolia)	Significant trunk deformity, main leader bent with openings and decay, storm-damaged	Remove for construction	Not protected		
21	8			Camphor (Cinnamoma camphora)	Good condition, healthy	Remove for construction	Not protected		
22	6			Camphor (Cinnamoma camphora)	Good condition, healthy	Remove for construction	Not protected		
23	7			Camphor (Cinnamoma camphora)	Good condition, healthy	Remove for construction	Not protected		
24	46			Live oak (Quercus virginiana)	Good condition, healthy	Preserve	Protected		
25	6			Camphor (Cinnamoma camphora)	Good condition, healthy	Remove for construction	Not protected		
26	7	8	5 6	6 Camphor (Cinnamoma camphora)	Good condition, healthy	Remove for construction	Not protected		
27	8			Camphor (Cinnamoma camphora)	Good condition, healthy	Remove for construction	Not protected		
28	111	1		Camphor (Cinnamoma camphora)	Good condition, healthy	Remove for construction	Not protected		
29	8			Cherry laurel (Prunus caroliniana)	Good condition, healthy	Remove for construction	Not protected		
30	17			Pindo palm (Butea capitata)	Good condition, healthy	Remove for construction	Not protected		
31	17			Pindo palm (Butea capitata)	Good condition, healthy	Remove for construction	Not protected		
32	31			Laurel oak (Quercus laurifolia)	Major opening at base with internal decay, high hazard potential	Remove for construction	Not protected		
					Total Inches			108	

TREE EVALUATION AND MITIGATION TABLE

Notes:

Tree locations and sizes based on tree survey provided by Tocoi Engineering. This evaluation supercedes the tree survey where discrepancies arise.

Live Oak

Required

Mitigation:

Recommended Action and final inches and mitigation amounts are based on the proposed site plan and are subject to change based on final site design and impact to surveyed trees. Unless otherwise noted, protected trees identified for removal are due to unavoidable impact from proposed new construction.

Total Inches Removed	Total Inches Planted (See Plant List
Live Oaks	0 Live Oaks
Southern Magnolia	70 Southern Magnolia
Bald Cypress	0 Bald Cypress
Other Tree	13 Other
Totals	83

TREE MITIGATION	
Live Oak Deficit	0.00
Southern Magnolia Deficit	16.00
Bald Cypress Deficit	0.00
Total	16.00
City of Green Cove Springs Tree Mitigation Rate:	\$ 188.00

Southern Magnolia Required Mitigation:	Bald Cypress Required Mitigation:	Other Tree Required Mitigation:
32		
23		
15		
		5
		7
70	0	13

	Balance		
40		-40	
54		16	
0		0	
44		-31	
138		-55	



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Florida Landscape Architect LA-1601 ISA Certified Arborist FL-5742A

CLIENT



Green Cove Springs, FL

PROJECT

Springs Academy Site Improvements

Green Cove Springs, FL

DATE 1-8-25

REVISIONS No. Date Description

DRAWING TITLE

TREE MITIGATION TABLE

SHEET NO.

LA2



LANDSCAPE SPECIFICATIONS

GENERAL INSTALLATION INSTRUCTIONS

socks.

- 1. Contractor shall furnish all labor, materials, and insurance to complete the work as shown in the plan.
- 2. Contractor is responsible for acquiring all required permits and associated fees to complete the work.
- 3. Contractor shall locate and visibly mark all buried utilities prior to construction and notify the landscape architect of any conflicts.
- 4. Contractor shall demolish and remove from the premises all pavement, sod and other materials required to implement the plan.
- 5. All work shall be completed in a timely manner and in accordance with standard industry practices.
- 6. Contractor shall coordinate a work plan with the owner or agent and the landscape architect prior to starting work and shall comply with all state and federal requirements for work safety.
- 7. Contractor shall coordinate an approved staging area with the owner prior to starting the work and shall maintain a clean and orderly site throughout the construction period and shall properly dispose of all trash and removed materials.
- 8. Contractor shall proceed with approved work in an orderly and timely fashion. 9. Contractor shall prevent offsite erosion, both by wind and rain, during construction using adequate means such as silt fencing, hay bales, and drain
- 10. Contractor shall provide all new materials in first quality condition.
- 11. Substitutions shall be rejected unless approved by the landscape architect prior to installation.
- 12. Contractor shall repair and/or replace at contractor's cost and in an expedient manner any utilities, pipes, conduit, cables, fences, pavement, plant material, or any other existing property within or abutting the project site damaged by contractor during the course of the project.
- 13. Contractor shall notify the owner and landscape architect at least one week in advance for a substantial completion inspection. The landscape architect shall provide a punch list to the contractor outlining items to be completed by the contractor. Contractor shall complete punch list items in timely manner before calling for a final inspection by the owner and the landscape architect.
- 14. Final payment for the work shall not be issued until a final inspection is completed and approved by the landscape architect and/or the owner.
- 15. All work shall be warranted against defects and failure for at least 1 year following the final acceptance.
- 16. Contractor shall clean site of all construction debris, materials, and trash. Disturbed areas shall be fine-graded and landscaped according to the plans. All disturbed areas not shown to be landscaped in the plans shall be sodded with the specified sod, or Bahia sod (*Paspalum notatum*) if not specified. Site must be clean and neat before a final acceptance and payment will be issued.

TREE AND EXISTING VEGETATION PROTECTION

- 1. Contractor shall ensure protection of exiting trees and plants to be preserved within the project area and along the project boundaries prior to all clearing or construction activity using a tree barricade as specified in the plans, or if not specified in the plans, according to Florida Department of Transportation Index **Number 544 Landscape Installation** (http://www.fdot.gov). A silt fence may serve as a barricade where such measures are required and provide full protection of the critical protection zone as defined in Index 544.
- 2. Provide 6" pine straw mulch to uniformly cover all bare, cleared, eroded, or disturbed areas within each tree protection area. Keep mulch 12" away from base of each tree.
- 3. Notify the landscape architect prior to any construction activity where protection cannot be provided or must be modified to due to conflicting construction activity.
- 4. Notify the landscape architect prior to site clearing and construction of any trees or otherwise valuable plants not noted on the plans that may warrant protection, especially large trees located on adjacent properties whose roots and canopy occupy space within the project area.
- 5. Tree barricade shall remain in place for the duration of the project until landscape installation commences whereupon the contractor may remove barricades as needed to prepare final grades and install landscaping according to the plans. Remaining tree barricades shall be removed at the completion of the project.

PRUNING

- 1. Pruning of new and existing plant materials shall be only as necessary to permit construction activity and/or to address plant damage and ensure plant health and stability.
- 2. All canopy pruning shall be according to ANSI Z133 and ANSI A300 Part 1.

PLANT INSTALLATION

- 1. Install all plants according to Florida Department of Transportation **Index** Number 544 Landscape Installation (http://www.fdot.gov).
- 2. Do not install groundcovers or shrubs on top of or into the rootball of new trees.
- 3. Contractor shall verify project site conditions and determine final quantities based on the plans prior to bidding and pricing. In the occurrence of a discrepancy between the plans and the plant list, the plans shall take precedence.
- 4. All plants shall conform to the specifications on the plant list or plant schedule.
- 5. All plants shall be Florida No. 1 Grade or better according to the Florida Grades and Standards Handbook.
- 6. All plants shall be nursery-grown containerized or b&b stock.

- installation.
- Protection).
- lawn areas.
- installed tree.
- centerline (refer to local provider to verify specific requirements).

- hose bibs as specified.
- all woody trunks and stems.
- 16.2. Mulch shall be 3" uniform depth.
- (http://www.fdot.gov) unless otherwise stated herein.
- insects, or nematodes. Sod shall be:
- Acceptance, unless otherwise specified in the contract documents.
- material at the end of the warranty period.

SOILS

- preservation or new plant installation.
- 2.1. Soil type
 - 2.2. Soil pH
 - 2.3. Nutrient content 2.4.
- architect or owner.

7. All plants shall be in good health, vigorous, evenly branched, and thickly foliated when in leaf. All plants shall be free of disease, insects, including eggs and larvae, as well as have a healthy, developed root system. They should also be free of physical damage or adverse conditions that would prevent thriving growth. 8. Plant material, tree locations, and bed outlines shall be staked or flagged on site by the contractor and shall be adjusted as required to fit actual as-built conditions on site and approved by the owner or owner's representative prior to

9. Unless otherwise specified, all existing plant material within the areas of new construction as shown on the plans shall be removed and properly disposed of off of the project site. Plant material outside of these areas shall remain and shall be replaced with like kind if killed or damaged via landscape installation activities (see General Installation Instructions and Tree and Existing Vegetation

10. Planting beds shall be shovel-cut to form a uniform, clean line between beds and

11. Remove all synthetic material surrounding the rootball, including strapping, and remove all material including burlap and wire basket from top third of root ball prior to backfilling. Failure to take these measures will result in rejection of the

12. Shade trees shall be planted a minimum of 4 feet from any edge of pavement and 15 feet from overhead electric lines as measured from the at-grade

13. All plant material shall be warranted for a period of one year from the date of Final Acceptance of the work and not the date on which it was installed. 14. Contractor shall provide all fine surface grading preparation for planting and shall maintain all finished grade requirements according to the plans, and ensure positive drainage. Report any drainage problems associated with finished grade

or finished soil characteristics to the owner and the landscape architect. 15. Coordinate construction of planting areas with installation of irrigation system or

16. Contractor shall provide mulch for all newly installed landscape areas. Provide a minimum 5' diameter mulch ring for all installed trees. Provide uniform coverage for all landscape beds at the specified depth maintain at least 6" clearance from

16.1. Mulch shall be Florida-Friendly natural shredded hardwood Maleleuca or Eucalyptus mulch, natural in color and free of dye. Contractor shall provide verification prior to application of mulch type and source.

17. Install sod as specified in the plans, according to the Florida Department of Transportation Standard Specification Section 570 Performance Turf

18. Contractor shall provide certified, healthy sod, free of weeds, disease, fungus,

18.1. Argentine bahia (*Paspalum notatum 'Argentine'*)

19. Contractor is responsible for maintaining all stockpiled and installed landscape material during the construction period through Final Acceptance, including required weeding, pest control, fertilization, pruning, and any other measure necessary to ensure healthy and vigorous plants are provided at Final Acceptance. The owner shall provide maintenance during the warranty period following Final

20. Contractor shall maintain all staking and guying materials and correct tree leaning or tilting during the warranty period. Contractor shall ensure that tree trunks and branches are not damaged or growth restricted by strapping or guying materials. Contractor shall be responsible for removal of all above-ground staking and guying

1. Contractor shall minimize soil compaction to all new planting areas by limiting access to those areas designated for planting purposes only. Contractor shall not store, clean, or empty equipment or materials within any area specified for

2. Prior to plant installation, contractor shall conduct a soil test in at least three locations on the site that best represent the plant distribution and conditions shown on the planting plan. The soil test shall be conducted by an independent laboratory qualified to test soils. The test shall be conducted to determine:

Recommended amendments

3. Contractor shall furnish a copy of the soil report(s) along with the contractor's recommended amendments to the landscape architect and the owner prior to initiating plant installation. Contractor shall not initiate plant installation without a written or verbal response from the landscape architect or owner indicating receipt of the report and agreement with the amendment approach.

4. At a minimum, contractor shall provide 5-8 percent organic pine bark compost uniformly throughout the planting soils prior to plant installation. Do not apply synthetic fertilizer to any planting area without the approval of the landscape

CITY OF GREEN COVE SPRINGS LANDSCAPE REQUIREMENTS

TREE MITIGATION See Tree Mitigation Plans

REQUIRED TREES Project area: 47,916 sf Required interior trees: 20 47.916 - 10.500 = 37.416 10,500 sf = 10 trees37,416 sf / 4,000 = 10 trees Total provided trees: 30, 21 canopy, 9 sub-canopy, 6 existing Total interior trees: 11, 10 canopy, 1 sub-canopy, 2 existing*

*Space for interior trees limited due to preservation of extraordinarily large live oaks within parking area and an effort to maximize areas for non-disturbed root zones.

IRRIGATION SPECIFICATIONS

IRRIGATION INSTALLATION

- 1. Contractor shall provide a fully automated irrigation system to ensure 100% head-to-head coverage of all landscaped areas within the project area.
- 2. Irrigation source shall be:
- 2.1. Municipal potable source with irrigation meter
- 3. Upon completion, contractor shall submit a scaled, clear and legible as-built plan of the installed irrigation system showing location of all components and sleeves to the owner (and municipal authority if required).
- 4. Contractor shall provide a reduced-pressure backflow preventer, mounted in a rectangular valve box on the serving side and adjacent to the meter, and shall provide freeze protection.
- 5. All pipe and wire under paving shall be placed in Schedule 40 PVC sleeves from the full pavement coverage length and shall be at least 24" below finished grade.
- 6. Main lines shall be installed at least 18" below finished grade and lateral lines shall be installed at least 12" below finished grade.
- 7. Contractor shall reroute piping to avoid existing plants and tree roots and hand-dig pipes under or through tree roots within the canopy area of existing trees that cannot be avoided. Mechanical trenching through tree roots within the canopy area of preserved trees shall not be permitted.
- 8. Contractor shall be responsible for all applicable permits and fees.
- Contractor shall comply with all state and local codes and shall clarify any discrepancies on the plan prior to bidding.
- 10. Prior to final acceptance, contractor shall show owner or maintenance superintendent how to operate and maintain the system.
- 11. Contractor shall furnish all warranty, maintenance equipment, and operating instructions.

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT LAWN AND IRRIGATION RULE:

Irrigation of new landscape is allowed at any time of day on any day for the initial 30 days following installation, and every other day for the next 30 days, for a total of one 60-day period, provided the irrigation is limited to the minimum amount necessary for establishment.

	COJ-REQUIRED PLANT LIST										
QTY	PCT*	ABV	BOTANICAL NAME	COMMON NAME	CAL IN/ CONT	HT/SPD	SPACING /OC	CANOPY	ORIGIN	INCH AREA	ES/ \SF
				TREE	S						
11	0.37	IA	llex a Attenuata 'East Palatka'	East Palatka holly	4	10-12' / 4-5'	As shown	No	Native		44
g	0.30	MG	Magnolia grandiflora	Southern magnolia	6	14-16' / 5-7'	As shown	Yes	Native		54
10	0.33	QV	Quercus viginiana	Live oak	4	14-16' / 5-7'	As shown	Yes	Native	40	
30	1.00								TOTALS	40	98
				SHRU	BS						
164	0.83	VO	Viburnum obovatum	Walter's viburnum	7 gal	24-30" / 18-22"	3.5		Native	2,	,009
33	0.17	ZP	Zamia pumila	Coontie palm	3 gal	14-18" / 12-16"	3.5		Native		404
197	1.00			·	· ·				TOTALS	2,	,413
				GROUNDC	OVER	S					
284	1.00	DT	Daniella tasmanica 'Variegata'	Variegated flax lily	1 gal	12-16" / 6-8"	2.0		Non-native	1,	,136
284	1.00								TOTALS	1,	,136
				SOD)						
		SOD	Paspalum notatum	Bahia grass		Certified solid sod	SF		Non-native		

PERIMETER TREES St. Johns Avenue ROW: 499 If Required perimeter Trees (1/50 lf): 10 canopy, 5 sub-canopy Provided trees: 15 (2 existing), 10 canopy, 5 sub-canopy

Grove Street ROW: 244 If Required perimeter Trees (1/50 lf): 5 canopy, 3 sub-canopy Provided trees: 6 (4 existing), 5 canopy, 4 sub-canopy

North Orange Avenue ROW: 214 If Required perimeter Trees (1/50 lf): 5 canopy, 3 sub-canopy Provided trees: 5 (1 existing), 5 canopy, 0 sub-canopy



4049 San Servera Dr N Jacksonville, Florida 32217 ph 904 327 7718 PittmanLA.com

PLANS PREPARED UNDER THE DIRECTION OF

Alfred B. Pittman, MLA, PLA Florida Landscape Architect LA-1601 ISA Certified Arborist FL-5742A

CLIENT



Green Cove Springs, FL

PROJECT

Springs Academy Site Improvements

Green Cove Springs, FL

DATE 1-8-25

REVISIONS No. Date Description

DRAWING TITLE

LANDSCAPE SPECIFICATIONS

> SHEET NO. LA4



		FOR OFFICE USE ONLY	ltem #12.			
Cut	City of	P Z File #				
CITY		Application Fee:				
	Green Cove Springs	Filing Date:Acceptance Date:	_			
	Site Plan Application	Review Type: SRDT 🗆 P & Z 🗆 CC 🗖				
Α.	PROJECT					
1.	Project Name: Springs Academy Parking Lot					
2.	Address of Subject Property: 1106 N Orange Avenu	le				
3.	Parcel ID Number(s): 38-06-26-017553-000-00					
4.	Existing Use of Property:					
5.	Future Land Use Map Designation :	borhood				
6.	Zoning Designation: GCC/ R1		· /			
7.	Acreage: 2.8		<u> </u>			
В.	APPLICANT					
1.	Applicant's Status I Owner (title holder)	□ Agent				
2.	Name of Applicant(s) or Contact Person(s): Dr. Christian Pope					
	Company (if applicable): Springs Chapel Corp					
	Mailing address: same as property		-			
	City:	State:ZIP:				
	Telephone: () FAX: ()	e-mail:				
3.	If the applicant is agent for the property owner*:					
	Name of Owner (title holder):					
	Company (if applicable):		-21 -			
	Mailing address:		-			
	City:	State:ZIP:				
	Telephone: () FAX: ()	e-mail:				
	* Must provide executed Property Owner Affidavit authorizing t	the agent to act on behalf of the property owner.				
C.	ADDITIONAL INFORMATION					
	1. Is there any contract for sale of, or options to purchase the s	subject property? Yes No				
	If yes, list names of all parties involved:					
	If yes, is the contract/option contingent or absolute?	Contingent Absolute				

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D. ATTACHMENTS (One copy reduced to no greater than 11 x 17, plus one copy in PDF format)

- 1. Site Plan and Survey including but not limited to:
 - a. Name, location, owner, and designer of the proposed development.
 - b. Vicinity map indicating general location of the site and all abutting streets and properties.
 - d. Complete legal description.
 - e. Statement of Proposed Uses.
 - f. Location of the site in relation to adjacent properties, including the means of ingress and egress to such properties and any screening or buffers along adjacent properties.
 - g. Location of nearest fire hydrant, adjacent pedestrian sidewalks and bicycle paths.
 - h. Date, north arrow, and graphic scale (not to exceed one (1) inch equal to fifty (50) feet).
 - i. Area and dimensions of site.
 - j. Location of all property lines, existing right-of-way approaches, sidewalks, curbs, and gutters.
 - k. Access and points of connection to utilities (electric, potable water, sanitary sewer, gas, etc.).
 - m. Location and dimensions of all existing and proposed parking areas, loading areas, curb cuts.
 - n. Location and size of any lakes, ponds, canals, or other waters and waterways.
 - Structures and major features fully dimensioned including setbacks, distances between structures, floor area, width of driveways, parking spaces, proposed surface materials of driveways and parking areas, property or lot lines, and floor area ratio.
 - p. Required buffers.
 - q. Location of existing trees, identifying any trees to be removed.
 - r. Landscaping plan depicting type, size, and design of landscaped areas, buffers, and tree mitigation calculations.
 - s. Percent of pervious surface.
 - t. Lighting plan.
 - u. Location, design, height, and orientation of signs.
 - v. Location of dumpsters and detail of dumpster enclosure.
 - w. For development consisting of Multi-family residential;
 - i. Tabulation of gross acreage.
 - ii. Tabulation of density.
 - iii. Number of dwelling units proposed.
 - iv. Location and percent of total open space and recreation areas.
 - v. Floor area of dwelling units.
 - vi. Number of proposed parking spaces.
 - vii. Street layout.
- 2. Stormwater management plan including the following:
 - a. Existing contours at one (1) foot intervals.
 - b. Proposed finished floor elevation of each building site.
 - c. Existing and proposed stormwater management facilities with size and grades.
 - d. Proposed orderly disposal of surface water runoff.
 - e. Centerline elevations along adjacent streets.
- 3. Legal description with tax parcel number.
- 4. Warranty Deed or other proof of ownership.
- 5. Permit or Letter of Exemption from the St. Johns River Water Management District.

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1/2/2013

- 6. Fee.
 - a. Based on size of site:
 - i. For sites <10,000 s.f. \$500
 - ii. For sites >10,000 s.f.- \$1,000 + \$20 per acre
 - b. All applications are subject 10% administrative fee and must pay the cost of any outside consultants' fees.

No application shall be accepted for processing until the required application fee is paid in full by the applicant. Any fees necessary for technical review or additional reviews of the application by a consultant will be billed to the applicant at the rate of the reviewing entity. The invoice shall be paid in full prior to any action of any kind on the development application.

<u>All 6 attachments are required for a complete application.</u> A completeness review of the application will be conducted within five (5) business days of receipt. If the application is determined to be incomplete, the application will be returned to the applicant.

I/We certify and acknowledge that the information contained herein is true and correct to the best of my/our knowledge:

Signature of Applicant	Signature of Co-applicant
Dr. Christian Pope	
Typed or printed name and title of applicant	Typed or printed name of co-applicant
10-15-24	10/15/2024
Date	Date
State of County of	Clay
The foregoing application is acknowledged before me this _	15 day of October 2024 by Dr.
Christian Page who is/are personally known to me,	or who has/have produced FL P100 743 74 288
as identification.	
NOTARY SEAL	
MERCY DE JESUIS	the the
Notary Public - State of Florida	ture of Notary Public, State of Province
My Comm. Expires Feb 12, 2027	
A.	
21	

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Review of Site Development Plan for a parking lot for Springs Academy located at 1106 N Orange Avenue, Parcel 017553-000-00

Property and Applicant Information

SUBJECT:	Site Development Plan for a parking lot for Springs Academy
APPLICANT/AGENT:	Springs Chapel Corp Dr. Christian Pope, Pastor
PROPERTY OWNER:	Springs Chapel Corp Dr. Christian Pope, Pastor
LOCATION:	1106 North Orange Avenue
ACREAGE:	±2.8 acres (Per boundary survey and legal description)

ltem #12.

Property Location



LORID Legend ---- Roads Target Parcel Parcels

EN CO

ltem #12.



80

Existina Zonina







80 160 320 US Feet

0

0

Page 85

Orange Ave (North)



St. Johns Ave (North)



Grove St (West)



Site Plan

ACCESS GAT

N LOCATION



The plan shows 116 onsite parking spaces, including 5 handicapped spaces.

SIDEWALK DETAILS

EMOVE AND REPLACE EXISTING WALL

MASONRY FENCE BY OTHERS.

DRAINAGE RETENTION

A single underground stormwater storage tank is shown to be buried underneath the parking lot. The site will be graded to direct stormwater towards drains connecting to the stormwater tank. They will also be required to get approval from the St Johns Water Management District and FDOT.

TRAFFIC AND ACCESS

Five ingress and egress points are shown on site. Two located on US17, one of which is exit only. Two located on Grove St, one of which is exit only. And one entrance/exit on St. Johns Ave that is to be closed during school hours per the Special Exception conditions.



Landscape Plan





Existing Tree Preservation





Staff Recommendation:

Staff recommends approval of the Springs Academy Site Plan subject to staff comments provided in the staff deficiency report being addressed before site construction. Item #12.



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO:City CouncilMEETING DATE:January 21, 2025FROM:Michael Daniels, AICP, Development Services Director

SUBJECT: Ordinance O-02-2025, Provide for reduced building permit fees for private building provider services. *Michael Daniels*

BACKGROUND

The use of Private Building Providers is authorized by Florida Statute 553.791 (Alternative Plans Review and Inspection). This program grants the property owner the option of using a Private Provider to conduct Florida Building Code plan review and inspection duties in lieu of the Municipal Building Department personnel.

Once the Private Provider completes their registration with the City, the Building Department shall review the plans for compliance with the Florida Building Code provisions and approve or reject the plans.

FISCAL IMPACT

Building permit and plan review fees will be reduced by 25% when private building provider services are provided.

RECOMMENDATION

Motion to recommend approval of Ordinance O-2-2025, Private Building Provider Services for form and legality.

ORDINANCE NO. O-02-2025

AN ORDINANCE OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AMENDING CHAPTER 14 OF THE CITY CODE **ENTITLED "BUILDINGS** AND BUILDING **REGULATIONS**" **REGARDING A FEE REDUCTION FOR PROJECTS THAT ELECT** TO USE PRIVATE PROVIDER SERVICES AS SET FORTH IN FLORIDA STATUTES CHAPTER 553, AMENIDNG SECTION 14-24, REGARDING BUILDING OR CONSTRUCTION PERMIT FEES, AMENDING SECTION 14-82 REGARDING BUILDING PERMIT RELATED **ELECTRICAL** FEES TO **CONSTRUCTION:** AMENDING SECTION 14-189 RELATED TO BUILDING PERMIT FEES RELATED TO MECHANICAL SYSTEMS, AMENDING SECTION 14-217 PROVIDING FOR BUILDING PERMIT FEES TO PLUMBING, AMENDNG **SECTION** RELATED 14-245 RELATED TO BUILDING PERMIT FEES TO RELATED **SWIMMING POOLS:** FOR PROVIDING CONFLICTS, SEVERABILITY AND SETTING AN EFFECTIVE DATE.

WHEREAS, the City Code was adopted to promote the health, safety, morals and general welfare of the community; and

WHEREAS, the City Code should be evaluated on an ongoing basis to determine if the allowable uses are consistent with the Comprehensive Plan as well as state and federal requirements; and

WHEREAS, the use of Private Building Providers is authorized by Florida Statute 553.791 (Alternative Plans Review and Inspection). This program grants the property owner the option of using a Private Provider to conduct Florida Building Code plan review and inspection duties in lieu of the Municipal Building Department personnel pursuant to the requirements set forth in the statute; and

WHEREAS, the Green Cove Springs City Council has determined that this amendment is consistent with the Comprehensive Plan and State law, is in the best interest of the public, and will promote the public health, safety and welfare of the city.

NOW, THEREFORE BE IT ENACTED BY THE CITY COUNCIL OF GREEN COVE SPRINGS, FLORIDA AS FOLLOWS:

Section 1. That Chapter 14, Sec. 14-24 shall be amended as follows:

Sec. 14-24. Florida Building Code and fees.

The Florida Building Code is hereby adopted and accepted by the city. Permit fees imposed and collected pursuant to F.S. § 166.222 and this section shall be deposited in a segregated account of the city and shall be expended, as appropriated by the city council, only for the purpose of deferring the city's costs of inspection and enforcement of the provisions of this chapter. Permit fees for required permits shall be as provided in the following schedule:

(1) Building or construction permit fees. For the purpose of determining fees, floor area shall be the gross overall, outside dimension, floor area of a building at each story, including all portions under roofs. Where a building permit fee is paid for a new building or addition, separate permits and fees shall not be required for fences, walls, dwellings, roofing, awnings, masonry fence walls, site work or other components normal to building construction. Separate fees shall be paid for electrical, plumbing, mechanical, miscellaneous or other permits shown elsewhere in this Code. For the purpose of determining fees based on value, the city shall require the contract to establish value of the project.

New residential buildings: For each \$1,000.00 of estimated value or fraction thereof: contract shall be required to establish value	\$6.00
New commercial buildings (non-single family): For each \$1,000.00 of estimated value or fraction thereof; contract shall be required to establish value	\$12.00
Renovation or modification of commercial (non-single family): For each \$1,000.00 of value or fraction thereof; contract shall be required to establish value; this includes roofing	\$12.00
Mobile home (singlewide)	\$250.00
Mobile home (doublewide)	\$275.00
Mobile home (triplewide)	\$300.00
Alterations; remodeling: For each \$1,000.00 of estimated value or fraction thereof; contract shall be required to establish value	\$6.00
Garages, accessory buildings: For each \$1,000.00 of estimated value or fraction thereof; contract shall be required to establish value	\$6.00
Carports, screen porch, barns: For each \$1,000.00 of estimated value or fraction thereof; contract shall be required to establish value	\$6.00
Roofing, or improvements (siding, interior, etc.) per \$1,000.00 value	\$10.00
Temporary or portable amusement devices per unit	\$100.00
Demolition of buildings or structures:	
For each building structure up to 5,000 square feet	\$145.00
Greater than 5,000 square feet	\$230.00
Signs:	
For the first 100 square feet	\$150.00
For every 100 square feet	\$30.00
Minimum fee for a sign	\$150.00
Minimum fee for any building permits (including amendments)	\$75.00
Safety inspection	\$100.00
Re-inspection fee (per inspection) for failed or partial inspections	\$50.00
After-hours inspection (per inspection)	\$100.00
Residential review plan fee	\$45.00
Amendments and revisions to residential permits and/or plans	\$45.00

(2) Building division related fees.

Commercial review plan fee (based on value of job to be permitted)	Review fee
Projects under \$25,000.00	\$50.00
Projects from \$25,000.00 to \$100,000.99	\$100.00
Projects from \$100,001.00 to \$250,000.99	\$200.00
Projects from \$250,001.00 to \$500,000.99	\$300.00
Projects from \$500,001.00 to \$1,000,000.99	\$400.00
Projects in excess of \$1,000,000.00	\$600.00
Revisions (per revision)	\$50.00
Public safety division	Review fee
Projects under \$100,000.00	\$50.00
\$100,000.01 to \$500,000.00	\$100.00
\$500,000.01 to \$1,000,000.00	\$200.00
\$1,000,000.01 or greater	\$300.00
Revision (per revision) between \$0.00 and \$500,000.00	\$50.00
Revision (per revision) \$500,000.01 or greater	\$100.00
Annual license fee	\$25.00
Change in qualifying agent	\$50.00

- a. *Penalties.* Where work for which a permit is required herein or in the Florida Building Code is commenced prior to obtaining a permit, the fees herein specified shall be doubled, but the payment of such double fee shall not relieve any person from fully complying with the requirements of this Code in the execution of the work nor from any other penalties as prescribed by law.
- b. *Work exempt from permit.* The city hereby adopts and includes as part of this Code the prescribed language expressed in the Florida Building Code contained in section 105.2, work exempt from permit, as amended.
- c. The fee owner of a building or structure that chooses to use a private provider to provide building code services pursuant to Sec. 553.791, Florida Statues, for plans review, inspections, or both, shall pay reduced permit and plan review fees for administrative services, as applicable, as follows:
 - 1. <u>Plan Review only: 25% reduction of the plan review fee calculated in Section 14-24(2)</u>
 - 2. Inspection only: 25% of the permit fee calculated in Section 14-24(2).

<u>3. Plan Review and Inspection: 25% reduction of the permit fee and plan review fee calculated in</u> Section 14-24(2)

(3) *Requirements.* The city hereby adopts the requirements specified in the Florida Building Code, to require payment of prescribed fees for buildings, structures, electrical, gas, mechanical and plumbing systems or alterations requiring a permit. A fee for each permit shall be paid as required in accordance with the schedule established by ordinance or resolution of the city council of the city.

Section 2. That Chapter 14, Sec. 14-82 shall be amended as follows:

Sec. 14-82. Permit and inspection fees.

(a) For all electrical construction requiring a permit, there shall be paid to the city by the party obtaining the permit the following permit and inspection fees:

New residential construction and mobile homes (includes temporary service):	\$130.00
Temporary service pole, installation of (for construction and farm use only)	\$ 75.00
Reconnect existing mobile home	\$ 60.00
Pool wire	\$ 60.00
Electrical sub feeds	\$ 60.00
Existing residential units and mobile homes:	
Air conditioning or electrical heat (each)	\$ 25.00
Minimum fee	\$ 60.00
Commercial buildings (new construction):	
0—300 ampere service	\$ 130.00
301—400 ampere service	\$ 150.00
401—600 ampere service	\$ 175.00
601 and above ampere service	\$ 200.00
For each outlet, including lighting requiring electrical connection	\$ 0.50
For each appliance, fixed or stationary, air conditioning and/or heating amperes requiring	\$35.00
circuit capacity above 30	
Temporary pole	\$75.00
Minimum fee	\$60.00
Existing commercial structures:	
Increase in additional ampere service, each additional ampere	\$0.40
Additions or alterations requiring service from panel (home run)	\$1.60
For each outlet, including lighting requiring electrical connection	\$0.40
Circuits requiring capacity above 30 amperes, each	\$25.00

(b) The fee owner of a building or structure that chooses to use a private provider to provide building code services pursuant to Sec. 553.791, Florida Statues, for both plan review and inspection, shall pay reduced permit fees for administrative services, as applicable, as follows:

1. Plan Review and Inspection: 25% reduction of the permit fee for fees calculated in Sec. 14-82(a).

(Code 1983, § 5-56; Code 2001, § 14-84; Ord. No. O-11-2012, art. 4, 10-16-2012; Ord. No. O-10-2014, § 2, 10-21-2014; Ord. No. O-14-2020, § 5, 10-20-2020)

Section 3. That Chapter 14, Sec. 14-189 shall be amended as follows:

Sec. 14-189. Inspections, permits, and other provisions.

The following fees for mechanical permits and inspections shall be charged:

(1) Mechanical permits.

Residential and Commercial	
Up to 3½ tons	\$105.00
Four tons	\$110.00
Five tons	\$115.00
Each additional ton greater than 5 tons	\$ 10.00

(2) Mobile homes or change outs.

Up to three tons	\$60.00
3½ tons	\$70.00
Four tons	\$75.00
Five tons	\$80.00
Each additional Ton greater than 5 tons	\$10.00

(3) Additional mechanical fees.

Gas Burner (each)	\$8.00
Underground tank (for each \$1,000.00 of value)	\$8.00
Boilers (including heating element) for the first 500,000 BTU per hours input of fuel used or fractional part thereof	\$40.00
Air conditioning and refrigeration (total capacity in single installation) for each ton capacity or fractional part	\$10.00
Range hood (for each \$1,000.00 of value)	\$8.00
Oil furnace	\$10.00
Minimum fee	\$10.00

- (4) Miscellaneous provisions.
 - a. All mechanical installations, regardless of type, which constitute a hazard to human life, health, or welfare are hereby declared illegal and shall be abated by repair and rehabilitation or by demolition in accordance with the procedure as outlined in article VIII of this chapter.
 - b. Any person, firm or corporation or agent who shall violate a provision of this Code, or fail to comply therewith or with any of the provisions thereof, or violate a detailed statement or plans submitted and approved thereunder, shall be punished as provided by section 1-14.
- (5) <u>The fee owner of a building or structure that chooses to use a private provider to provide building</u> code services pursuant to Sec. 553.791, Florida Statues, for both plan review and inspection, shall pay reduced permit fees for administrative services, as applicable, as follows:
 - a. <u>Plan Review and Inspection: 25% reduction of the permit fee for fees calculated in Section 14-189(1-3).</u>

Section 4. That Chapter 14, Sec. 14-217 shall be amended as follows:

Sec. 14-217. Inspections, permits, and miscellaneous provisions.

- (a) Plumbing inspection and permit fees.
 - (1) Residential and mobile homes.

Up to 3 baths	\$120.00
Each bath thereafter	\$20.00
Each additional fixture	\$10.00
Minimum fee	\$60.00

(2) Commercial buildings.

Each fixture having a water supply and/or waste outlet, including floor	\$20.00
drains and roof drains (each)	
Minimum fee	\$60.00

(3) Irrigation.

Minimum fee	\$60.00

- (b) Unsanitary plumbing installations. All plumbing installations, regardless of type, which are unsanitary or which constitute a hazard to human life, health or welfare are hereby declared illegal and shall be abated by repair and rehabilitated or abated by demolition in accordance with article VIII of this chapter.
- (c) *Traps.* All nonresidential interceptors required by this Code shall be designed and installed in accordance with Exhibits A and B below.

EXHIBIT A



EXHIBIT B. OIL/WATER SEPARATOR CAPACITIES SUGGESTED FOR VARIOUS WATER METER SIZES

Recommended Separator Tank Dimensions

Water	Approx.	А	L	W	Н	D	В	С	Х	Ζ	Е	S	Т	Average	Actual
Meter	No. of													Depth	Capacity
Size	Gallons														
(Inches)															
3⁄4	750	6"	7-6	3-4	5-6	4-6	15"	6"	18"	2-	12"	4"	4"	4-0	750
										6					
1	900	6"	8-0	3-9	5-6	4-6	15"	6"	18"	2-	12"	4"	4"	4-0	900
										6					
1½	1,800	6"	10-	5-	6-0	5-0	15"	6"	18"	3-	12"	4½"	4½"	4-6	1,801
			4	2						0					

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2	2,800	6"	12-	6-5	6-0	5-0	15"	6"	18"	3-	12"	5"	5"	4-6	2,779
			10							0					
3	8,000	6"	17-	8-9	8-9	7-9	15"	9"	24"	3-	15"	6"	6"	7-0	8,018
			6							0					
4	17,000	6"	22-	11-	10-	9-	15"	9"	24"	4-	15"	6"	6"	9-0	17,085
			6	3	9	9				0					
6	50,000	6"	32-	16-	14-	13-	18"	12"	30"	6-	18"	6"	6"	12-10	49,280
			0	0	10	10				0					

(Code 1983, § 5-128; Code 2001, § 14-214; Ord. No. O-11-2012, art. 7, 10-16-2012; Ord. No. O-10-2014, § 4, 10-21-2014; Ord. No. O-14-2020, § 7, 10-20-2020)

- (d) <u>The fee owner of a building or structure that chooses to use a private provider to provide building code</u> <u>services pursuant to Sec. 553.791</u>, Florida Statues, for both plan review and inspections, shall pay reduced <u>permit review fees for administrative services</u>, as applicable, as follows:
 - 1. <u>Plan Review and Inspection: 25% reduction of the permit fee for fees calculated in Section 14-217(a-</u> <u>c).</u>

Section 5. That Chapter 14, Sec. 14-245 shall be amended as follows:

Sec. 14-245. Inspections, permits, and miscellaneous provisions.

(a) Pool permits fees are hereby established as follows:

Minimum fee for first 15,000 gallons	\$120.00
For each additional 1,000 gallons	\$5.00
Re-marcite	\$80.00

(Code 1983, § 5-143; Code 2001, § 14-243; Ord. No. O-11-2012, art. 8, 10-16-2012; Ord. No. O-10-2014, § 5, 10-21-2014; Ord. No. O-14-2020, § 8, 10-20-2020)

State law reference(s)—Adoption of land development regulations, F.S. § 163.3194; state regulation of swimming pool contractors, F.S. § 489.101 et seq.; swimming pools, F.S. ch. 515.

- (b) <u>The fee owner of a building or structure that chooses to use a private provider to provide building code inspection services pursuant to Sec. 553.791, Florida Statues, for both plans review and inspections, or both, shall pay reduced permit and plan review fees for administrative services, as applicable, as follows:</u>
 - 1. Plan Review and Inspection: 25% reduction of the permit fee for fees calculated in Sec 14-245(a).

Section 6. <u>Conflicts</u>. If any portion of this Ordinance is in conflict with any other ordinance, then the provisions of this Ordinance shall govern.

(Supp. No. 6)

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Section 7. <u>Severability</u>. If any section, sentence, clause or phrase of this Ordinance is held to be invalid or unconstitutional by any court of competent jurisdiction, then said holding shall in no way affect the validity of the remaining portions of this Ordinance.

Section 8. <u>Effective Date.</u> Upon its adoption by the City Council, this ordinance shall become effective.

PASSED ON FINAL READING BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, THIS 4th DAY OF FEBRUARY 2025.

CITY OF GREEN COVE SPRINGS, FLORIDA

Steven R. Kelley, Mayor

ATTEST:

Erin West, City Clerk

APPROVED AS TO FORM:

L. J. Arnold, III, City Attorney

Select Year: 2024 ✔ Go

The 2024 Florida Statutes

Title XXXIII REGULATION OF TRADE, COMMERCE, INVESTMENTS, AND SOLICITATIONS

Chapter 553 BUILDING CONSTRUCTION STANDARDS View Entire Chapter

553.791 Alternative plans review and inspection.-

(1) As used in this section, the term:

(a) "Applicable codes" means the Florida Building Code and any local technical amendments to the Florida Building Code but does not include the applicable minimum fire prevention and firesafety codes adopted pursuant to chapter 633.

(b) "Audit" means the process to confirm that the building code inspection services have been performed by the private provider, including ensuring that the required affidavit for the plan review has been properly completed and submitted with the permit documents and that the minimum mandatory inspections required under the building code have been performed and properly recorded. The local building official may not replicate the plan review or inspection being performed by the private provider, unless expressly authorized by this section.

(c) "Building" means any construction, erection, alteration, demolition, or improvement of, or addition to, any structure or site work for which permitting by a local enforcement agency is required.

(d) "Building code inspection services" means those services described in s. <u>468.603</u>(5) and (8) involving the review of building plans as well as those services involving the review of site plans and site work engineering plans or their functional equivalent, to determine compliance with applicable codes and those inspections required by law, conducted either in person or virtually, of each phase of construction for which permitting by a local enforcement agency is required to determine compliance with applicable codes.

(e) "Deliver" or "delivery" means any method of delivery used in conventional business or commercial practice, including delivery by electronic transmissions.

(f) "Duly authorized representative" means an agent of the private provider identified in the permit application who reviews plans or performs inspections as provided by this section and who is licensed as an engineer under chapter 471 or as an architect under chapter 481 or who holds a standard or provisional certificate under part XII of chapter 468. A duly authorized representative who only holds a provisional certificate under the direct supervision of a person licensed as a building code administrator under part XII of chapter 468.

(g) "Electronic signature" means any letters, characters, or symbols manifested by electronic or similar means which are executed or adopted by a party with an intent to authenticate a writing or record.

(h) "Electronic transmission" or "submitted electronically" means any form or process of communication not directly involving the physical transfer of paper or another tangible medium which is suitable for the retention, retrieval, and reproduction of information by the recipient and is retrievable in paper form by the receipt through an automated process. All notices provided for in this section may be transmitted electronically and shall have the same legal effect as if physically posted or mailed.

(i) "Electronically posted" means providing notices of decisions, results, or records, including inspection records, through the use of a website or other form of electronic communication used to transmit or display information.

(j) "Immediate threat to public safety and welfare" means a building code violation that, if allowed to persist, constitutes an immediate hazard that could result in death, serious bodily injury, or significant property damage. This paragraph does not limit the authority of the local building official to issue a Notice of Corrective Action at any time during the construction of a building project or any portion of such project if the official determines that a condition of the building or portion thereof may constitute a hazard when the building is put into use following completion as long as the condition cited is shown to be in violation of the building code or approved plans.

(k) "Local building official" means the individual within the governing jurisdiction responsible for direct regulatory administration or supervision of plans review, enforcement, and inspection of any construction, erection, alteration, demolition, or substantial improvement of, or addition to, any structure for which permitting is required to indicate compliance with applicable codes and includes any duly authorized designee of such person.

(l) "Permit application" means a properly completed and submitted application for the requested building or construction permit, including:

1. The plans reviewed by the private provider.

2. The affidavit from the private provider required under subsection (6).

3. Any applicable fees.

4. Any documents required by the local building official to determine that the fee owner has secured all other government approvals required by law.

(m) "Plans" means building plans, site engineering plans, or site plans, or their functional equivalent, submitted by a fee owner or fee owner's contractor to a private provider or duly authorized representative for review.

(n) "Private provider" means a person licensed as a building code administrator under part XII of chapter 468, as an engineer under chapter 471, or as an architect under chapter 481. For purposes of performing inspections under this section for additions and alterations that are limited to 1,000 square feet or less to residential buildings, the term "private provider" also includes a person who holds a standard certificate under part XII of chapter 468.

(0) "Private provider firm" means a business organization, including a corporation, partnership, business trust, or other legal entity, which offers services under this chapter to the public through licensees who are acting as agents, employees, officers, or partners of the firm. A person who is licensed as a building code administrator under part XII of chapter 468, an engineer under chapter 471, or an architect under chapter 481 may act as a private provider for an agent, employee, or officer of the private provider firm.

1. A certificate of occupancy or certificate of completion.

2. A certificate of compliance from the private provider required under subsection (13).

3. Any applicable fees.

4. Any documents required by the local building official to determine that the fee owner has secured all other government approvals required by law.

(q) "Single-trade inspection" means any inspection focused on a single construction trade, such as plumbing, mechanical, or electrical. The term includes, but is not limited to, inspections of door or window replacements; fences and block walls more than 6 feet high from the top of the wall to the bottom of the footing; stucco or plastering; reroofing with no structural alteration; HVAC replacements; ductwork or fan replacements; alteration or installation of wiring, lighting, and service panels; water heater changeouts; sink replacements; and repiping.

(r) "Site work" means the portion of a construction project that is not part of the building structure, including, but not limited to, grading, excavation, landscape irrigation, and installation of driveways.

(s) "Stop-work order" means the issuance of any written statement, written directive, or written order which states the reason for the order and the conditions under which the cited work will be permitted to resume.

(2)(a) Notwithstanding any other law or local government ordinance or local policy, the fee owner of a building or structure, or the fee owner's contractor upon written authorization from the fee owner, may choose to use a private provider to provide building code inspection services with regard to such building or structure and may make payment directly to the private provider for the provision of such services. All such services shall be the subject of a written contract between the private provider, or the private provider's firm, and the fee owner or the fee owner's contractor, upon written authorization of the fee owner. The fee owner may elect to use a private provider to provide plans review or required building inspections, or both. However, if the fee owner or the fee owner's contractor uses a private provider to provide plans review, the local building official, in his or her discretion and pursuant to duly adopted policies of the local enforcement agency, may require the fee owner or the fee owner's contractor to use a private provider to also provide required building inspections.

(b) If an owner or contractor retains a private provider for purposes of plans review or building inspection services, the local jurisdiction must reduce the permit fee by the amount of cost savings realized by the local enforcement agency for not having to perform such services. Such reduction may be calculated on a flat fee or percentage basis, or any other reasonable means by which a local enforcement agency assesses the cost for its plans review or inspection services. The local jurisdiction may not charge fees for building inspections if the fee owner or contractor hires a private provider to perform such services; however, the local jurisdiction may charge a reasonable administrative fee, which shall be based on the cost that is actually incurred, including the labor cost of the personnel providing the service, by the local jurisdiction or attributable to the local jurisdiction for the clerical and supervisory assistance required, or both.

(c) If an owner or a contractor retains a private provider for purposes of plans review or building inspection services, the local jurisdiction must provide equal access to all permitting and inspection documents and reports to the private provider, owner, and contractor if such access is provided by software that protects exempt records from disclosure.

(3) A private provider and any duly authorized representative may only perform building code inspection services that are within the disciplines covered by that person's licensure or certification under chapter 468, chapter 471, or chapter 481, including single-trade

Item #13.

inspections. A private provider may not provide building code inspection services pursuant to this section upon any building designed or constructed by the private provider or the private provider's firm.

(4) A fee owner or the fee owner's contractor using a private provider to provide building code inspection services shall notify the local building official in writing at the time of permit application, or by 2 p.m. local time, 2 business days before the first scheduled inspection by the local building official or building code enforcement agency that a private provider has been contracted to perform the required inspections of construction under this section, including single-trade inspections, on a form to be adopted by the commission. This notice shall include the following information:

(a) The services to be performed by the private provider.

(b) The name, firm, address, telephone number, and e-mail address of each private provider who is performing or will perform such services, his or her professional license or certification number, qualification statements or resumes, and, if required by the local building official, a certificate of insurance demonstrating that professional liability insurance coverage is in place for the private provider's firm, the private provider, and any duly authorized representative in the amounts required by this section.

(c) An acknowledgment from the fee owner or the fee owner's contractor in substantially the following form:

I have elected to use one or more private providers to provide building code plans review and/or inspection services on the building or structure that is the subject of the enclosed permit application, as authorized by s. <u>553.791</u>, Florida Statutes. I understand that the local building official may not review the plans submitted or perform the required building inspections to determine compliance with the applicable codes, except to the extent specified in said law. Instead, plans review and/or required building inspections will be performed by licensed or certified personnel identified in the application. The law requires minimum insurance requirements for such personnel, but I understand that I may require more insurance to protect my interests. By executing this form, I acknowledge that I have made inquiry regarding the competence of the licensed or certified personnel and the level of their insurance and am satisfied that my interests are adequately protected. I agree to indemnify, defend, and hold harmless the local government, the local building official, and their building code enforcement personnel from any and all claims arising from my use of these licensed or certified personnel to perform building code inspection services with respect to the building or structure that is the subject of the enclosed permit application.

If the fee owner or the fee owner's contractor makes any changes to the listed private providers or the services to be provided by those private providers, the fee owner or the fee owner's contractor shall, within 1 business day after any change or within 2 business days before the next scheduled inspection, update the notice to reflect such changes. A change of a duly authorized representative named in the permit application does not require a revision of the permit, and the building code enforcement agency shall not charge a fee for making the change.

(5) After construction has commenced and if the local building official is unable to provide inspection services in a timely manner, the fee owner or the fee owner's contractor may elect to use a private provider to provide inspection services by notifying the local building official of the owner's or contractor's intention to do so by 2 p.m. local time, 2 business days before the next scheduled inspection using the notice provided for in paragraphs (4)(a)-(c).

Item #13.

(6) A private provider performing plans review under this section shall review the plans to determine compliance with the applicable codes. Upon determining that the plans reviewed comply with the applicable codes, the private provider shall prepare an affidavit or affidavits certifying, under oath, that the following is true and correct to the best of the private provider's knowledge and belief:

(a) The plans were reviewed by the affiant, who is duly authorized to perform plans review pursuant to this section and holds the appropriate license or certificate.

(b) The plans comply with the applicable codes.

Such affidavit may bear a written or electronic signature and may be submitted electronically to the local building official.

(7)(a) No more than 20 business days after receipt of a permit application and the affidavit from the private provider required pursuant to subsection (6), the local building official shall issue the requested permit or provide a written notice to the permit applicant identifying the specific plan features that do not comply with the applicable codes, as well as the specific code chapters and sections. If the local building official does not provide a written notice of the plan deficiencies within the prescribed 20-day period, the permit application shall be deemed approved as a matter of law, and the permit shall be issued by the local building official on the next business day.

(b) If the local building official provides a written notice of plan deficiencies to the permit applicant within the prescribed 20-day period, the 20-day period shall be tolled pending resolution of the matter. To resolve the plan deficiencies, the permit applicant may elect to dispute the deficiencies pursuant to subsection (15) or to submit revisions to correct the deficiencies.

(c) If the permit applicant submits revisions, the local building official has the remainder of the tolled 20-day period plus 5 business days from the date of resubmittal to issue the requested permit or to provide a second written notice to the permit applicant stating which of the previously identified plan features remain in noncompliance with the applicable codes, with specific reference to the relevant code chapters and sections. Any subsequent review by the local building official is limited to the deficiencies cited in the written notice. If the local building official does not provide the second written notice within the prescribed time period, the permit shall be deemed approved as a matter of law, and the local building official must issue the permit on the next business day.

(d) If the local building official provides a second written notice of plan deficiencies to the permit applicant within the prescribed time period, the permit applicant may elect to dispute the deficiencies pursuant to subsection (15) or to submit additional revisions to correct the deficiencies. For all revisions submitted after the first revision, the local building official has an additional 5 business days from the date of resubmittal to issue the requested permit or to provide a written notice to the permit applicant stating which of the previously identified plan features remain in noncompliance with the applicable codes, with specific reference to the relevant code chapters and sections.

(8) A private provider performing required inspections under this section shall inspect each phase of construction as required by the applicable codes. Such inspection may be performed in-person or virtually. The private provider may have a duly authorized representative perform the required inspections, provided all required reports are prepared by and bear the written or electronic signature of the private provider or the private provider's duly authorized representative. The duly authorized representative must be an employee of the private provider entitled to receive reemployment assistance benefits under chapter 443. The contractor's contractual or legal obligations are not relieved by any action of the private provider.
Item #13.

(9) A private provider performing required inspections under this section shall provide notice to the local building official of the approximate date and time of any such inspection. The local building official may not prohibit the private provider from performing any inspection outside the local building official's normal operating hours, including after hours, weekends, or holidays. The local building official may visit the building site as often as necessary to verify that the private provider is performing all required inspections. A deficiency notice must be posted by the private provider, the duly authorized representative of the private provider, or the building department whenever a noncomplying item related to the building code or the permitted documents is found. Such notice may be physically posted at the job site or electronically posted. After corrections are made, the item must be reinspected by the private provider or representative before being concealed. Reinspection or reaudit fees shall not be charged by the local jurisdiction as a result of the local jurisdiction's audit inspection occurring before the performance of the private provider's inspection or for any other administrative matter not involving the detection of a violation of the building code or a permit requirement.

(10) If the private provider is a person licensed as an engineer under chapter 471 or an architect under chapter 481 and affixes his or her professional seal to the affidavit required under subsection (6), the local building official must issue the requested permit or provide a written notice to the permit applicant identifying the specific plan features that do not comply with the applicable codes, as well as the specific code chapters and sections, within 10 business days after receipt of the permit application and affidavit. In such written notice, the local building official must provide with specificity the plan's deficiencies, the reasons the permit application failed, and the applicable codes being violated. If the local building official does not provide specific written notice to the permit applicant within the prescribed 10-day period, the permit application is deemed approved as a matter of law, and the local building official must issue the permit on the next business day.

(11) If equipment replacements and repairs must be performed in an emergency situation, subject to the emergency permitting provisions of the Florida Building Code, a private provider may perform emergency inspection services without first notifying the local building official pursuant to subsection (9). A private provider must conduct the inspection within 3 business days after being contacted to conduct an emergency inspection and must submit the inspection report to the local building official within 1 day after the inspection is completed.

(12) Upon completing the required inspections at each applicable phase of construction, the private provider shall record such inspections on a form acceptable to the local building official. The form must bear the written or electronic signature of the provider or the provider's duly authorized representative. These inspection records shall reflect those inspections required by the applicable codes of each phase of construction for which permitting by a local enforcement agency is required. The private provider, upon completion of the required inspection, shall post each completed inspection record, indicating pass or fail, and provide the record to the local building official within 2 business days. Such inspection record may be electronically posted by the private provider, or the private provider may post such inspection record physically at the project site. The private provider may electronically transmit the record to the local building official. The local building official may waive the requirement to provide a record of each inspection within 2 business days if the record is electronically posted or posted at the project site and all such inspection records are submitted with the certificate of compliance. Unless the records have been electronically posted, records of all required and completed inspections shall be maintained at the building site at all times and made available for review by the local building official. The private provider shall report to the local enforcement agency any condition that poses an immediate threat to public safety and welfare.

(13) Upon completion of all required inspections, the private provider shall prepare a certificate of compliance, on a form acceptable 1 *Item #13.* the local building official, summarizing the inspections performed and including a written representation, under oath, that the stated inspections have been performed and that, to the best of the private provider's knowledge and belief, the building construction inspected complies with the approved plans and applicable codes. The statement required of the private provider shall be substantially in the following form and shall be signed and sealed by a private provider as established in subsection (1) or may be electronically transmitted to the local building official:

To the best of my knowledge and belief, the building components and site improvements outlined herein and inspected under my authority have been completed in conformance with the approved plans and the applicable codes.

(14)(a) No more than 10 business days, or if the permit is related to single-family or two-family dwellings then no more than 2 business days, after receipt of a request for a certificate of occupancy or certificate of completion and the applicant's presentation of a certificate of compliance and approval of all other government approvals required by law, including the payment of all outstanding fees, the local building official shall issue the certificate of occupancy or certificate of completion or provide a notice to the applicant identifying the specific deficiencies, as well as the specific code chapters and sections.

(b) If the local building official does not provide notice of the deficiencies within the applicable time periods under paragraph (a), the request for a certificate of occupancy or certificate of completion is automatically granted and deemed issued as of the next business day. The local building official must provide the applicant with the written certificate of occupancy or certificate of completion within 10 days after it is automatically granted and issued. To resolve any identified deficiencies, the applicant may elect to dispute the deficiencies pursuant to subsection (15) or to submit a corrected request for a certificate of occupancy or certificate of completion.

(15) If the local building official determines that the building construction or plans do not comply with the applicable codes, the official may deny the permit or request for a certificate of occupancy or certificate of completion, as appropriate, or may issue a stop-work order for the project or any portion thereof as provided by law, if the official determines that the noncompliance poses an immediate threat to public safety and welfare, subject to the following:

(a) The local building official shall be available to meet with the private provider within 2 business days to resolve any dispute after issuing a stop-work order or providing notice to the applicant denying a permit or request for a certificate of occupancy or certificate of completion.

(b) If the local building official and private provider are unable to resolve the dispute, the matter shall be referred to the local enforcement agency's board of appeals, if one exists, which shall consider the matter at its next scheduled meeting or sooner. Any decisions by the local enforcement agency's board of appeals, or local building official if there is no board of appeals, may be appealed to the commission as provided by this chapter.

(c) Notwithstanding any provision of this section, any decisions regarding the issuance of a building permit, certificate of occupancy, or certificate of completion may be reviewed by the local enforcement agency's board of appeals, if one exists. Any decision by the local

enforcement agency's board of appeals, or local building official if there is no board of appeals, may be appealed to the commission as provided by this chapter, which shall consider the matter at the commission's next scheduled meeting.

(16) For the purposes of this section, any notice to be provided by the local building official shall be deemed to be provided to the person or entity when successfully transmitted to the e-mail address listed for that person or entity in the permit application or revised permit application, or, if no e-mail address is stated, when actually received by that person or entity.

(17)(a) A local enforcement agency, local building official, or local government may not adopt or enforce any laws, rules, procedures, policies, qualifications, or standards more stringent than those prescribed by this section.

(b) A local enforcement agency, local building official, or local government may establish, for private providers, private provider firms, and duly authorized representatives working within that jurisdiction, a system of registration to verify compliance with the licensure requirements of paragraph (1)(n) and the insurance requirements of subsection (18).

(c) This section does not limit the authority of the local building official to issue a stop-work order for a building project or any portion of the project, as provided by law, if the official determines that a condition on the building site constitutes an immediate threat to public safety and welfare.

(18) A private provider may perform building code inspection services on a building project under this section only if the private provider maintains insurance for professional liability covering all services performed as a private provider. Such insurance shall have minimum policy limits of \$1 million per occurrence and \$2 million in the aggregate for any project with a construction cost of \$5 million. Nothing in this section limits the ability of a fee owner to require additional insurance or higher policy limits. For these purposes, the term "construction cost" means the total cost of building construction as stated in the building permit application. If the private provider chooses to secure claims-made coverage to fulfill this requirement, the private provider must also maintain coverage for a minimum of 5 years subsequent to the performance of building code inspection services. The insurance required under this subsection shall be written only by insurers authorized to do business in this state with a minimum A.M. Best's rating of A. Before providing building code inspection services within a local building official's jurisdiction, a private provider must provide to the local building official a certificate of insurance evidencing that the coverages required under this subsection are in force.

(19) When performing building code inspection services, a private provider is subject to the disciplinary guidelines of the applicable professional board with jurisdiction over his or her license or certification under chapter 468, chapter 471, or chapter 481. All private providers shall be subject to the disciplinary guidelines of s. <u>468.621(1)(c)-(h)</u>. Any complaint processing, investigation, and discipline that arise out of a private provider's performance of building code inspection services shall be conducted by the applicable professional board.

(20) A local building code enforcement agency may not audit the performance of building code inspection services by private providers operating within the local jurisdiction until the agency has created standard operating private provider audit procedures for the agency's internal inspection and review staff, which includes, at a minimum, the private provider audit purpose and scope, private provider audit criteria, an explanation of private provider audit processes and objections, and detailed findings of areas of noncompliance. Such private provider audit procedures must be publicly available online, and a printed version must be readily accessible in agency buildings. The private provider audit results of staff for the prior two quarters also must be publicly available. The agency's audit processes must adhere to the

agency's posted standard operating audit procedures. The same private provider or private provider firm may not be audited more than for times in a year unless the local building official determines a condition of a building constitutes an immediate threat to public safety and welfare, which must be communicated in writing to the private provider or private provider firm. Work on a building or structure may proceed after inspection and approval by a private provider. The work may not be delayed for completion of an inspection audit by the local building code enforcement agency.

(21) The local government, the local building official, and their building code enforcement personnel shall be immune from liability to any person or party for any action or inaction by a fee owner of a building, or by a private provider or its duly authorized representative, in connection with building code inspection services as authorized in this act.

(22) Notwithstanding any other law, a county, a municipality, a school district, or an independent special district may use a private provider to provide building code inspection services for a public works project, an improvement, a building, or any other structure that is owned by the county, municipality, school district, or independent special district.

History. –s. 17, ch. 2002-293; s. 106, ch. 2005-2; s. 11, ch. 2005-147; s. 1, ch. 2005-216; s. 6, ch. 2006-65; s. 6, ch. 2007-187; s. 141, ch. 2008-4; s. 77, ch. 2012-30; s. 7, ch. 2017-149; s. 12, ch. 2019-86; s. 14, ch. 2019-165; s. 132, ch. 2020-2; s. 20, ch. 2020-27; s. 4, ch. 2021-201; s. 50, ch. 2022-4; s. 4, ch. 2022-136; s. 4, ch. 2024-191.

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Green Cove Springs, FL 32043 www.greencovesprings.com

MEMORANDUM

To: Steve Kennedy, City Manager

From: Development Services Department

Date: November 6, 2024

Subject: Monthly Planning, Code Enforcement and Building Report for October 2024

PLANNING

1 new business license was issued and 154 licenses were renewed.

New Business – Stratton Styles & Co.

Total Business Tax Revenue for October was \$10,650.00

During the month of October:

- Began or continue reviewing the following planning applications:
 - Clay Habitat Palmer Street Re-Plat
 - Rookery Phase 2A Plat
 - Rookery Phase 3A and 3B Preliminary Plat and Improvement Plan
 - Annexation, Future Land Use and Zoning of Wolfe Brothers Storage Property
 - Annexation, Future Land Use and Zoning of Miller Environmental Property
 - Eden Butler Subdivision
 - Magnolia Trace Subdivision
 - Palmer Trace Subdivision
 - 407 Walnut Grant Application
 - Springs Church Site Development Plan
 - Northeast Florida Pool Services Site Development Plan
 - Special Event for Dinklebells Pickleball Tournament
 - 200 N Vermont PUD
 - MLK Blvd Lot Split
- The following applications were approved:
 - Rookery PUD Modification
 - Rookery US17 Rezoning Request
 - Lifeline Landing Final Plat
 - 407 Walnut Grant Application
- 31 lien search requests, and 5 new permit applications were submitted.
- Approval of Change Order for the Rivers House Restoratioon
- Revenues for Planning related fees for **October** were **\$29,113.25**.

CODE ENFORCEMENT

In October, there were 4 new enforcement complaints filed. No Code Enforcement fines were collected in October.

Compliance for October courtesy notice of violation/notice of violations:

- No courtesy notices of violation/notice of violation were complied with.
- No notices of violation were voluntarily complied with.
- 0 notices of violation from previous months compliance were achieved resulting in case closure.
- 0 courtesy notices of violation from previous months compliance were achieved resulting in closure.
- 269 cases courtesy notices of violation/notice of violation complied year to date.

New Code Enforcement Cases for October 2024



BUILDING

Building permit activity increased 19.60% from September to October. The total number of building permits issued in September was 57 compared to 61 in October. Permit activity for October 2024 decreased by 17.57% from October 2023.

All building permits met the 30-day processing target for October 2024.

Revenues for Building related fees for **October** were **\$12,001.00**.

OCTOBER 2024 PERMIT SUMMARY				
RESIDENTIAL NEW	2			
COMMERCIAL NEW	0			
RESIDENTIAL ADDITION	2			
COMMERCIAL ADDITION	1			
RESIDENTIAL REMODEL / IMPROVEMENT	4			
COMMERCIAL REMODEL / IMPROVEMENT	0			

DEMOLITION	1
SIGNS	2
POOLS	0
RE-ROOFING	13
FENCES	3
MECHANICAL / ELECTRICAL / PLUMBING	27
OTHER PERMITS	6
TOTAL PERMITS ISSUED	61



Active Building Permits 10/01/2024-10/31/2024



9/30/2024



City US 17/SR 16 LCT Intersection Traffic Volumes



CITY OF GREEN COVE SPRINGS POLICE DEPARTMENT



• 1001 Idlewild Avenue • Green Cove Springs, FL 32043 • Main (904) 297-7300 • Fax (904) 284-1436 • www.gcspd.com

The following is the official summary of activity conducted by members of the Green Cove Springs Police Department for the month of November 2024:

Total # Calls for Service: **818** Total # Arrests: **23** Total # Traffic Stops: **318** Total # Citations: **95** % Citations to stops: **33%** Total # Building and business security checks: **963** Total # Police Related Services: **3,070** Response Times: **Priority:** 4 M 21 Sec **Over-all Response Time:** 9M 11 Sec Dispatch Phone Communication: 911 calls: **271** Non-Emergency calls:**280** Walk-In: **15**

Red Light Camera Program:

Video Review: Ofc. Gann reviewed 1,354 violations, approved 967 and rejected 387

Total violations reviewed for the month: **1,354** Approval Rating: **77.42%** Total hours reviewing video: **24.57**

Traffic complaints received/completed:

Location	Issue	# Officer	Traffic	Traffic	Traffic	Parking	Issue
		# Times	Stops	Citations	Warnings	Citations	Y/N
1800blk Colonial Dr	Speeding/Heavy traffic	3	0	0	0	0	

**When evaluating traffic complaints, low numbers of stops/citations are a good indication that the issue may not be as prevalent as the citizen believes.17

Notable Arrests:

2024001489: Trespassing 2024001504: Agg. Assault, Possess Firearm by Convicted Felon 2024001521: Felony Fleeing and Eluding Police Officer. K9 deployment with bite apprehension. 2024001535: Burglary, Disorderly Intoxication 2024001537: Burglary to Carl Pugh Park 2024001553: Battery x2

Training:



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The following is the official summary of activity conducted by members of the Green Cove Springs Police Department for the month of December 2024:

Total # Calls for Service: **784** Total # Arrests: **18** Total # Traffic Stops: **246** Total # Citations: **98** % Citations to stops: **39%** Total # Building and business security checks: **1226** Total # Police Related Services: **2,899** Response Times: **Priority: 5** M 05 Sec **Over-all Response Time:** 8M 10 Sec Dispatch Phone Communication: **911** calls: **263** Non-Emergency calls:**296** Walk-In: **18**

Red Light Camera Program:

Video Review: Officers reviewed 1,370 violations, approved 815 and rejected 555

Total violations reviewed for the month: **1,370** Approval Rating: **59.49%** Total hours reviewing video: **61.79**

Traffic complaints received/completed:

Location	Issue	# Officer	Traffic	Traffic	Traffic	Parking	Issue
		# Times	Stops	Citations	Warnings	Citations	Y/N
Drive Sober/Pull Over city	DUI/Traffic Enf	74	145	61	55	0	Y

**When evaluating traffic complaints, low numbers of stops/citations are a good indication that the issue may not be as prevalent as the citizen believes.17

Notable Arrests:

2024001604: Breach of Peace 2024001608: Resisting arrest w/o violence 2024001617: Habitual Traffic Offender 2024001650: DUI 2024001652: DUI 2024001678: Molesting a coin machine 2024001705: DUI 2024001708: Criminal Mischief

Training:

Firearms: All staff, Expandable Baton: All Staff, Evidence: All Staff, Records: All Staff

ltem #15.

Public Works Monthly Executive Summary DECEMBER 2024



Street Department

During the month of December, The Street Department has been busy throughout the city. Additional activities included:

- 7 silt fence inspections
- Prepare the City for the Christmas season, Christmas on Walnut Street and Parade.

The Street Department completed **36** additional work orders that pertained to street and stormwater issues.

Parks Department

During the month of December the Parks Department mowed, trimmed, and edged all areas one time including the DOT rights-of-way, City Parks, and FCT property. Additional activities included:

- Clean the pool 3 times.
- Prepare the City for the Christmas season, Christmas on Walnut Street and Parade.

The Parks Department completed **1** additional work order outside of their normal daily work schedules.

Equipment Maintenance

The Equipment Maintenance Shop, as always, works hard to keep the equipment and vehicles going so the city can continue to provide our citizens with the exceptional service they are accustomed to. During the month of December, Levi and John completed **65** work orders.

Tradesworker

During the month of December **16** work orders were completed.

Solid Waste Department

Cove Life, Litter Cleanup Program & New Services:

- Picked up everything around the rollout cans.
- Picked up as much loose trash, palm fronds, and sticks as possible on the streets, along the R.O.W. and ditches regardless of if it is near a container or not.
- Delivered 3 trash cans and 3 recycle bins to new customers.
- Delivered 1 recycling bin to current customers.
- Repaired 8 trash cans.
- Replaced 12 trash cans.

This month **December the** city collected:

- **421.01 tons** of Class I garbage (9 % increase)
- <u>0.3 tons of recycling (98% decrease)</u>
- <u>63.83 tons</u> of yard waste (17% decrease)
- <u>0 tons of Sludge</u>
- <u>0</u> Street Sweepings
- **<u>11.85</u>** tons of white goods and other junk
- <u>70.00 tons</u> Commercial pickup

For comparison during **December 2023**, the city collected:

- <u>386.85</u> tons of Class I garbage
- <u>18.29</u> tons of recycling
- <u>74.38</u> tons of yard waste
- <u>86.86</u> tons of Sludge
- <u>0</u> Street Sweepings
- **<u>5.37</u>** tons of white goods and other junk
- <u>70 tons</u> Commercial pickup

Water/Wastewater

- W/WW crews/management had personal interaction with several citizens regarding water/sewer issues.
- Contacted all customers on water and irrigation "Highest Users" report that had unusual consumption (not usually on report)
- Staff continues to refine the scope and financials of the consolidated AWWTP, expanded reclaimed water system, wastewater collection system improvements and water system capital improvements to obtain maximum grant potential, optimize loan conditions and minimize impact to customers.
- W/WW/RW Projects;
 - Design of the improvements to the city's wastewater treatment system (all phases) is complete. In order to maximize grant opportunities, the initial construction phase was split into two pieces, for a total of four phases;
 - Phase I is construction of the on-site reclaimed water system (storage tanks, high service pumps, electrical) at the existing Harbor Road Facility,

and rehabilitation of Master Lift Stations #2 and #4. This phase went out to bid in January in two parts – plant reclaimed water improvements & lift station #2 & #4. **Construction was completed in June 2020**. The total Phase I cost is \$6,120,600. Staff received \$4,063,425.00 in "Principal Forgiveness" (grant) from FDEP (SRF).

- Phase II:
 - Construction of the new 1.25 million gallon per day (MGD) advanced wastewater treatment plant (AWWTP) at the Harbor Road site.

Construction approximately 75% complete

- Phase III:
 - A new force main from Lift Station #2 diverting the sewage from the South Plant to Harbor Road (all sewage generated in the City will be treated at the new Harbor Road AWWTP).
 - Decommissioning and "mothballing" of the South Wastewater Treatment Plant. The permit will remain in place and the plant could be re-commissioned at a later date depending on future activities at the Reynolds site.
- Phase IV (future determined by growth) is a second identical 1.25 MGD AWWTP built at the Harbor Road site. An alternative would be construction of this train at the South Plant site in Reynolds Park if the southern /Reynolds portion of our service territory is where significant growth occurs
- Phase V (future determined by growth) is a third identical 1.25 MGD AWWTP built at the Harbor Road or Reynolds site.
- Sanitary Sewer Evaluation Survey (SSES) of the Core City wastewater collection system is complete, including Mittauer final report. Staff utilizes this data daily in evaluating collection system repairs and requests for sewer connections.
- Continuing to work with FDOT and Clay County on utility relocations associated with the First Coast Expressway and Clay County road expansions (CR 315 & CR 209 / Russel Road).
- Senate Bill 64 Surface Water Discharge Elimination Act: In 2021 the Florida Senate approved SB 64, which requires wastewater treatment plants to eliminate surface water discharges by 2035, which has become a significant financial burden to utilities. This requires the city to eliminate effluent discharge from the Harbor Road and South wastewater treatment plants to the St. Johns River. While the city has been implementing reclaimed water projects for several years, there are not enough uses to take all of the city's treated wastewater. In November 2021 the city submitted to FDEP a plan as to how surface water discharges will be eliminated.

Potable Water:

• Staff and Mittauer have completed a full review of the future capital needs of the water system. A comprehensive capital improvement program (CIP) has been developed as part of the Water Master Plan. As in the past, the timing of many of these improvements is driven by future activities in Reynolds Industrial Park and other areas

of our service territory. The city has received an FDEP – SRF loan for Planning and Engineering of several of the CIP improvements so that as the need for the improvements occur, the City is ahead of the game and can apply very quickly to SRF for actual construction dollars as "shovel-ready" projects. The total design project cost is \$356,800.00, with a \$178,400.00 (50%) principal forgiveness (grant), leaving an actual loan of \$180,100.00.

- Reynolds Water System Improvements:
 - New water mains along two primary streets to remedy fire hydrants that were inadequate.
 - New 12" water main crossing under SR 16 to replace aging mains that endanger the integrity of the road. This eliminated four existing crossings.
 - New water main along Red Bay Road eliminating existing aging and leaking pipes. In addition remediating fire hydrants that were inadequate.
 - New water main and sewer force main extension from Reynolds Park to and across the MOBRO complex. This extension is designed to supply water, fire protection & sewer needs to MOBRO and future developments to the east.
 - Completed September 2021

South Service Territory Improvements:

- New 12" water main loop from US17 along CR 209 S to the existing 12" water main that terminated at 4600 CR 209 S. This also included a new 4" sewer force main from US 17 along CR 209 S to the First Coast Expressway crossing. Completed September 2021
- The City has received grants from the State of Florida Hazard Mitigation Grant Program (HMGP) to install auxiliary generators at 17 sewage lift stations, and install generators / raise infrastructure at four additional stations. The grant funds 75% of the improvements. **Approximately 99% complete**
- Continued remediation of malfunctioning or out-of-service hydrants.
- Operated and maintained the Harbor Rd. and South Wastewater Treatment Plants as well as the Harbor Rd. and Reynolds Water Treatment Plants to meet the requirements of Regulatory Agencies.
- Continued to make process control adjustments at the Harbor Rd. and South WWTP in efforts to further lower Total Nitrogen and Total Phosphorus levels being discharged to the St. Johns River.
- Continued landscape maintenance at Water and Wastewater Treatment Facilities as well as lift stations.
- Continued preventative maintenance on all treatment facility generators.
- Completed 3 new services.
- Completed 52 water-related work orders.
- Completed 16 sewer related work orders.
- Responded to 135 utilities locate requests.

TOP 10 WATER CUSTOMERS DECEMBER 2024

Largest

(By Consumption)

|--|

- 1 Sheriff's Department
- 2 Oak Street OPCO LLC
- 3 Luv Car Wash
- 4 Kindred Health
- 5 Clay Port INC
- 6 Luv Car Wash
- 7 Green Cove Springs Marina
- 8 Clay High
- 9 Governors Landing Condo INC
- 10 Earth Works of Florida LLC

Largest

(By Dollar Amount)

Rank CONSUMER

- 1 St John's Landing
- 2 Oak Street OPCO LLC
- 3 Luv Car Wash
- 4 Clay High
- 5 Kindred Health
- 6 Clay Port INC
- 7 Green Cove Springs Marina
- 8 Governors Landing Condo INC
- 9 Earth Works of Florida LLC
- 10 Springs Coin Laundry

TOP 10 IRRIGATION CUSTOMERS DECEMBER 2024

Largest

(By Consumption)

- Rank CONSUMER
- 1 Permabase Building Products
- 2 Magnolia Point Investments
- 3 Vallencourt Construction
- 4 Judy Cruz
- 5 Mobro Marine INC
- 6 Green Cove Springs Junior High
- 7 George & Darlene Guess
- 8 Stephen Elgin
- 9 Sheriff's Department
- 10 Coral Ridge Foods

Largest

(By Dollar Amount)

Rank CONSUMER

- 1 Permabase Building Products
- 2 Magnolia Point Investments
- 3 Mobro Marine INC
- 4 Vallencourt Construction
- 5 Judy Cruz
- 6 Green Cove Springs Junior High

Springs Coin Laundry

Dreh Holdings LLC

- 7 Sheriff's Department
- 8 George & Darlene Guess
- 9 Stephen Elgin
- 10 Coral Ridge Foods

TOP 10 SEWER CUSTOMERS DECEMBER 2024

	Largest		Largest
(By Consumption)		(By Dollar Amount)
Rank	CONSUMER	Rank	CONSUMER
1	St Johns Landing	1	St Johns Landing
2	Sheriff's Department	2	Sheriff's Department
3	Oak Street OPCO LLC	3	Oak Street OPCO LLC
4	Luv Car Wash	4	Luv Car Wah
5	Kindred Health	5	Clay High
6	Clay Port INC	6	Kindred Health
7	Clay High	7	Clay Port INC
8	Governors Landing Condon INC	8	Governors Landing Condo

- 9 Springs Coin Laundry
- 10 Premier Surface Design LLC

9

10

Wastewater Plant Capacity Status

South Plant: TMDL Capacity 0.350 MGD*,

- Current Loading 0.269 MGD*, 77% Capacity (October 2024 Annual Average)
- Current & Committed (.065) Loading 0.334 MGD*, 95% Capacity
- Current, Committed (.065) & Requested (0.05) Loading 0.339 MGD*, 97% Capacity

Harbor Road: TMDL Capacity 0.650 MGD*

- Current Loading 0.504 MGD*, 78% Capacity (October 2024 Annual Average)
- Current & Committed (0) Loading 0.504 MGD*, 78% Capacity
- Current, Committed & Requested (0) Loading 0.504 MGD*, 78% Capacity

*MGD = Million Gallons per Day

Note: No Reynolds growth or loading projections included in above.